



**GOVERNMENT OF SINDH
PLANNING & DEVELOPMENT
DEPARTMENT**

JOB OPPORTUNITY

Planning & Development Department (P&DD) of the Government of Sindh focusses on policy, planning & development in the Province. The department also deals with foreign aids through Donors / Ministries and processes all development schemes, programs and proposals and make recommendations to the government thereon. The department is also responsible for monitoring the progress and evaluation of development schemes and maintains liaison with the National Planning agencies, ministries departments and donors.

2. Planning & Development Department invites application (s) from the suitable individuals having required qualifications from HEC recognized institutions and Domicile of Sindh Province for the positions mentioned below on contract basis initially for a period of **one (01) year, on market competitive salaries** which will be further extendable based on satisfactory performance and need basis for **Centralized Data Repository** of the department.

<u>1. SENIOR FULL STACK DEVELOPER .NET</u>	<u>01 POSTS</u>
<u>Required Qualification / Experience/Technical Skills:</u>	We are looking for a Full Stack Developer to produce scalable software solutions. You'll be part of a cross-functional team that's responsible for the full software development life cycle, from conception to deployment. As a Full Stack Developer, you should be comfortable around both front-end and back-end coding languages, development frameworks, knowledge of Micro Services, Rest APIs, MVC and .NET Applications development tools Databases, and third-party libraries. You should also be a team player with a knack for visual design and utility. <u>Qualification</u> Bachelor's Degree (Computer Science/Software Engineering/Computer Engineering / Information Technology) with CGPA 3 or above. At least 08 years of total working experience in the relevant field is essential either in Private or Public Sector or both At least 05 years working experience or above in the following areas: • C#, XML, Json, SQL, HTML, CSS, Knowledge of databases MySQL, SQL Lite & SQL Server. 2019, 2022. • Professional experience on MS SQL Server, backend stored procedure scripting and architectural design. • Participating in the design and creation of scalable software architecture. • Writing clean, functional code on the front- and back-end • Testing and fixing bugs or other coding issues • Work with development teams and product managers to ideate software solutions • Design client-side and server-side architecture • Build the front-end of applications through appealing visual design • Develop and manage well-functioning databases and applications • Test software to ensure responsiveness and efficiency • Troubleshoot, debug and upgrade software • Create security and data protection settings • Build features and applications with a mobile responsive design

	• Write technical documentation • Work with data scientists and analysts to improve software • Microsoft Team Foundation Server, Visual Studio 2022, Visual Studio Core. • Experience of UAT, SIT and Post Go-live Issues. • Experience of huge data Reconciliation • Ability to build relationships with excellent interpersonal skills. • Optimization and Re-Engineered Processes • .NET, C#, MVC and .NET Core, Python, .NET Development and MSSQL Databases, Web-services & Web-Forms, Angular, React. • Thorough understanding of Object-Oriented Programming concepts • JavaScript & jQuery, ASP.net and MVC, Working with html5 • Web services (ASMX, WCF and REST APIs) • Proven experience as a Full Stack Developer or similar role • Experience developing desktop and mobile applications • Familiarity with common stack and libraries. • knowledge of multiple front-end languages and libraries (e.g. HTML/ CSS, JavaScript, XML, jQuery) • Familiarity with databases (e.g. MySQL, MongoDB), web servers (e.g. Apache) and UI/UX design • Analyze system processes and requirements to develop the application. • Excellent communication and teamwork skills • Perform all other duties assigned by the management. • Duties, responsibilities and activities may change or new ones may be assigned at any time with or without notice. • Highly organized and motivated • Excellent analytical skills • Quick learner • Must be able to work independent
Age	Not exceeding 40 Years
02. FULL STACK DEVELOPER .NET	01 POSTS
<u>Required Qualification / Experience/Technical Skills:</u>	We are looking for a Full Stack Developer to produce scalable software solutions. You'll be part of a cross-functional team that's responsible for the full software development life cycle, from conception to deployment. As a Full Stack Developer, you should be comfortable around both front-end and back-end coding languages, development frameworks, knowledge of Micro Services, Rest APIs, MVC and .NET Applications development tools Databases, and third-party libraries. You should also be a team player with a knack for visual design and utility. <u>Qualification</u> Bachelor's Degree (Computer Science/Software Engineering/Computer Engineering / Information Technology) with CGPA 3 or above. At least 05 years of total working experience in the relevant field is essential either in Private or Public Sector or both At least 03 years working experience or above in the following areas: • C#, XML, Json, SQL, HTML, CSS, Knowledge of databases MySQL, SQL Lite & SQL Server. 2019, 2022. • Professional experience on MS SQL Server, backend stored procedure scripting and architectural design.

	• Participating in the design and creation of scalable software architecture. • Writing clean, functional code on the front- and back-end • Testing and fixing bugs or other coding issues • Work with development teams and product managers to ideate software solutions • Design client-side and server-side architecture • Build the front-end of applications through appealing visual design • Develop and manage well-functioning databases and applications • Test software to ensure responsiveness and efficiency • Troubleshoot, debug and upgrade software • Create security and data protection settings • Build features and applications with a mobile responsive design • Write technical documentation • Work with data scientists and analysts to improve software • Microsoft Team Foundation Server, Visual Studio 2022, Visual Studio Core. • Experience of UAT, SIT and Post Go-live Issues. • Experience of huge data Reconciliation • Ability to build relationships with excellent interpersonal skills. • Optimization and Re-Engineered Processes • .NET, C#, MVC and .NET Core, Python, .NET Development and MSSQL Databases, Web-services & Web-Forms, Angular, React. • Thorough understanding of Object-Oriented Programming concepts • JavaScript & jQuery, ASP.net and MVC, Working with html5 • Web services (ASMX, WCF and REST APIs) • Proven experience as a Full Stack Developer or similar role • Experience developing desktop and mobile applications • Familiarity with common stack and libraries. • knowledge of multiple front-end languages and libraries (e.g. HTML/ CSS, JavaScript, XML, jQuery) • Familiarity with databases (e.g. MySQL, MongoDB), web servers (e.g. Apache) and UI/UX design • Analyze system processes and requirements to develop the application. • Excellent communication and teamwork skills • Perform all other duties assigned by the management. • Duties, responsibilities and activities may change or new ones may be assigned at any time with or without notice. • Highly organized and motivated • Excellent analytical skills • Quick learner • Must be able to work independent
Age	Not exceeding 40 Years
3. UI/UX DEVELOPER	01 POST
<u>Required Qualification / Experience/Technical Skills:</u>	The candidate for the position should have exposure and interest in UI/UX front-end development, along with strong design concepts and front-end development skills. Here are some key qualifications and responsibilities that may be expected from candidates: <u>Qualification</u> Bachelor's Degree (Computer Science/Software Engineering/Computer Engineering / Information Technology) with CGPA 3 or above. At least 05 years of total working experience in the relevant field is essential either in Private or Public Sector or both

At least 03 years or above working experience in all the following areas:

- **Front-End Development:** Proficiency in front-end web development technologies such as HTML, CSS, and JavaScript is essential. Candidates should be familiar with modern front-end frameworks and libraries like React, Angular.
- **UI/UX Design:** Candidates must have a good understanding of user interface (UI) and user experience (UX) design principles. They should be able to create visually appealing and user-friendly interfaces that enhance the overall user experience.
- **Responsive Design:** Knowledge of responsive web design is crucial to ensure that user interfaces are optimized for various devices and screen sizes.
- **Creativity and Innovation:** Candidates should demonstrate creativity and the ability to think innovatively when designing and developing front-end solutions.
- **Problem-Solving:** Strong problem-solving skills are essential to overcome challenges related to front-end development and user interface design.
- **Cross-Browser Compatibility:** Understanding of cross-browser compatibility issues and techniques to ensure consistent behavior across different browsers.
- **Version Control:** Experience with version control systems like Git is beneficial for collaboration and code management.
- **Performance Optimization:** Awareness of techniques for optimizing front-end performance, such as minimizing page load times and reducing resource usage.
- **Required front-end developer should develop websites and applications using web technologies (i.e. Javascript, JQuery, HTML5, CSS3, SCSS, SASS, RestAPI / SOAP).**
- **Must be proficient in at least 3 or more React, TypeScript, Angular.**
- **Having experience in designing UX is a big plus.**
- **Collaborate with other software developers, designers, and consultants to plan, design, develop, test, and maintain business applications built on JavaScript technologies.**
- **Coordinate with process architect to ensure computer system and programming guidelines continually match updated policies, processes, and procedures.**
- **Basic knowledge of image authoring tools, to be able to crop, resize, or perform small adjustments on an image. Familiarity with tools such as Gimp or Photoshop is a plus.**
- **Keep documentation of application updates and monitor application performance**
- **Should have Experience in PWA (Progressive Web Application)**
- **Good communication skills, both spoken and handwritten**
- **Must familiar with the HTML5, CSS3, and JavaScript with responsive design**
- **Experience on web service integration (SOAP, REST, JSON, XML)**
- **Extensive analytic skills**
- **Proficient in coding**

Not exceeding 35 Years

Age

4. DATA SCIENTIST / SOLUTION ANALYST

Required Qualification / Experience/Technical Skills:

01 POST

We are seeking a highly skilled and certified **Data Scientist / Solution Analyst** to join our dynamic team. This hybrid role requires expertise in data science methodologies, solution analysis, and business requirement gathering to design and implement data-driven solutions. The ideal candidate will combine technical proficiency with strategic thinking to drive business outcomes.

Qualification

Bachelor of Computer Science, Data Science, Computer Engineering from a reputable University (HEC Recognized) with the minimum required GPA of 3.0 and above. At least 05 years of total working experience in the relevant field is essential either in Private or Public Sector or both.

Experience:

- 3+ years in a combined role as a data scientist and/or solution analyst.
- Proven experience in designing data-driven solutions and managing business use cases.

Technical Skills:

- Hands-on experience with:
- **Data Science Tools:** Python, R, SQL, TensorFlow, Scikit-learn
- **Data Visualization Tools:** Tableau, Power BI, QlikView
- **Big Data Technologies:** Hadoop, Spark, Apache Kafka
- Familiarity with cloud platforms: AWS (Sagemaker), Azure, or Google Cloud.

Solution Analyst Tools:

- Business process modeling tools: Lucidchart, Visio, or ARIS.
- Business requirements gathering tools: Jira, Confluence, Blueprint, IBM DOORS.
- Use case generation frameworks and templates.

Soft Skills:

- Strong analytical and critical-thinking abilities.
- Excellent written and verbal communication skills for both technical and non-technical audiences.
- Collaboration and stakeholder management skills.
- Adaptability to work in a dynamic, fast-paced environment.

Data Science Key Responsibilities:

1. Design, develop, and deploy machine learning models to solve complex business problems.
2. Clean, process, and analyze large datasets to identify trends, insights, and opportunities.
3. Create interactive dashboards and visualizations using advanced tools to share findings.
4. Continuously improve models and algorithms using the latest advancements in AI and ML.

Solution Analysis Responsibilities:

1. Collaborate with business stakeholders to gather and document business requirements.
2. Translate business needs into technical specifications and actionable use cases.
3. Perform gap analyses and propose solutions for process improvements and system enhancements.
4. Lead the creation of workflows, diagrams, and mockups to support solution design.

	Certifications (Preferred): Data Scientist Certifications: • Google Professional Machine Learning Engineer • Microsoft Certified: Azure Data Scientist Associate • IBM Data Science Professional Certificate • TensorFlow Developer Certificate
Age	Not exceeding 35 Years
05. Mobile Developer	01 Post
<u>Required Qualification / Experience/Technical Skills:</u>	We are seeking a versatile and skilled Mobile Developer (Android + iOS) to join our dynamic team. The ideal candidate will have expertise in developing cross-platform mobile applications, strong hands-on experience in API development, and a deep understanding of mobile ecosystems for both Android and iOS. The candidate must hold relevant certifications and be proficient in leading mobile development frameworks and tools. Qualifications: Bachelor of Computer Science, Data Science, Computer Engineering from a reputable University (HEC Recognized) with the minimum required GPA of 3.0 and above. At least 05 years of total working experience in the relevant field is essential either in Private or Public Sector or both. <u>Key Responsibilities Mobile Application Development:</u> 1. Design, develop, test, and maintain high-quality, user-friendly mobile applications for Android and iOS platforms. 2. Optimize applications for maximum speed, scalability, and performance. 3. Implement UI/UX designs and ensure consistency across platforms. 4. Integrate third-party libraries and APIs into mobile applications. 5. Design and build advanced applications for the Android platform using Kotlin and/or Java. 6. Collaborate with cross-functional teams, including designers, product managers, and other developers, to define and implement new features. 7. Ensure the performance, quality, and responsiveness of applications through rigorous testing and optimization. 8. Identify and fix bugs and improve mobile application performance. 9. Integrate APIs and third-party libraries to enhance application functionality. 10. Maintain up-to-date knowledge of Android development trends, techniques, and technologies. 11. Participate in code reviews, contributing constructive feedback to improve code quality. 12. Adhere to industry best practices and coding standards to deliver clean, maintainable, and efficient code. 13. Document application components and technical specifications to support ongoing development and maintenance. <u>API Development:</u> 1. Develop, document, and maintain APIs for seamless backend communication with mobile apps. 2. Ensure API security, scalability, and high performance using RESTful or GraphQL architectures. 3. Troubleshoot and debug API-related issues to enhance application reliability.

Collaboration:

1. Work closely with cross-functional teams, including designers, project managers, and QA engineers, to deliver feature-rich applications.
2. Collaborate with backend teams to understand and define API requirements.

Testing and Deployment:

1. Perform unit, integration, and performance testing of applications.
2. Publish mobile apps on Google Play Store and Apple App Store, managing the release process efficiently.

Innovation and Best Practices:

1. Stay updated with emerging mobile technologies and propose innovative solutions.
2. Ensure compliance with app development standards and industry best practices.

Mobile Development Certifications (Preferred):

- Google Certified Associate Android Developer
- Apple Certified iOS App Development Professional
- Microsoft Certified: Azure Developer Associate (for backend and API development)
- Flutter Certified Application Developer or React Native Certification

Technical Skills Mobile Development:

- Strong hands-on experience in Android Studio and Xcode.
- Proficiency in cross-platform frameworks like **Flutter**, **React Native**, or **Xamarin**.
- Expertise in native languages: Java/Kotlin for Android and Swift/Objective-C for iOS.

API Development:

- Proficient in developing and integrating RESTful APIs and GraphQL services.
- Hands-on experience with API development tools: **Postman**, **Swagger**, and **FastAPI**.

Backend Technologies:

- Knowledge of backend languages and frameworks such as Python (Django/Flask), Node.js, or PHP (Laravel).

Databases:

- Strong knowledge of relational databases (MySQL, PostgreSQL) and NoSQL databases (MongoDB, Firebase).

Version Control and CI/CD:

- Experience with version control tools like Git and CI/CD tools such as Jenkins, Bitrise, or GitHub Actions.

Cloud Platforms:

- Familiarity with mobile backend services (Firebase, AWS Amplify, Azure Mobile Apps).

Soft Skills:

- Strong problem-solving and debugging skills.
- Excellent communication and collaboration skills.
- Ability to multitask and meet tight deadlines.

Preferred Skills:

- Experience with modern architectural patterns (e.g., MVVM, MVP) and reactive programming (e.g., RxJava, Coroutines).
- Familiarity with Android Jetpack components (e.g., View Model, Live Data, Navigation).
- Experience with third-party libraries and APIs, such as Retrofit, Glide, and Dagger. Understanding of mobile app security practices.

Age**Not exceeding 35 Years**

06. .NET DEVELOPER**Required Qualification /
Experience/Technical Skills:****01 Post**

We are seeking a talented and enthusiastic .NET Developer to join our team. The ideal candidate will have a strong foundation in software development, a keen interest in learning, and the ability to work collaboratively in a dynamic environment. As a .NET Developer, you will assist in designing, developing, and maintaining applications using the Microsoft .NET framework and related technologies.

Qualification:

Bachelor of Computer Science, Data Science, Computer Engineering from a reputable University (HEC Recognized) with the minimum required GPA of 3.0 and above. At least 03 years of total working experience in the relevant field is essential either in Private or Public Sector or both.

Relevant certifications, such as:

- Microsoft Certified: .NET Developer or Azure Developer Associate.
- MCP (Microsoft Certified Professional).
- Any other equivalent or industry-standard certification in .NET development or cloud technologies.

Experience:

- 2 years of professional experience in .NET development. (Internships and academic projects are a plus.)
- Hands-on experience with .NET Framework, .NET Core, or ASP.NET MVC.
- Familiarity with front-end technologies like HTML, CSS, JavaScript, and frameworks like Angular or React is a plus.
- Basic knowledge of database systems such as SQL Server or MySQL.

Skills and Competencies:

- Strong understanding of object-oriented programming principles.
- Familiarity with RESTful APIs and web services.
- Ability to work with version control systems like Git.
- Strong problem-solving and analytical skills.
- Effective communication and teamwork abilities.

Preferred Qualifications:

- Knowledge of Agile/Scrum methodologies.
- Exposure to cloud platforms like Microsoft Azure or AWS.
- Familiarity with CI/CD pipelines and DevOps practices.

Key Responsibilities:

- Assist in the development and maintenance of web and desktop applications using .NET, C#, and ASP.NET.
- Write clean, scalable, and efficient code.
- Collaborate with cross-functional teams to define, design, and ship new features.
- Debug and troubleshoot issues to improve performance and user experience.
- Participate in code reviews and contribute to continuous improvement practices.
- Stay updated on the latest .NET technologies and frameworks.

Age**Not exceeding 35 Years**

How to Apply

3. Required qualification, experience and Job Description of each above listed post can be seen and downloaded from the Website of Planning & Development Department, Government of Sindh www.pnd.sindh.gov.pk.

SECTION OFFICER (ADMN-I),
Planning & Development Department,
Room No. 314-A, 2nd Floor,
Tughlaq House, Sindh Secretariat, Building No. 2, Karachi.
Phone No. 021- 99211926

4. The individuals fulfilling the requisite criteria should apply and submit their CVs along-with testimonials and latest passport size photograph, CNIC and Domicile through surface mail to the undersigned. **Last date for submission of applications is 25th July, 2025.** Applicant(s) currently working in Public Sector should apply through proper channel. Only the eligible/short-listed candidates will be called for interviews. Please indicate "the position applied for" at the top right of the envelope. No TA/DA will be admissible. **The hiring shall be on fixed monthly remuneration.**

 1/7/2025

(SAEED S. KEERIO)
SECTION OFFICER (ADMN.I)
PH: 021-99211926