

# Principal Full Stack Engineer

IIS

Lahore, Punjab, PK · Senior · Permanent



## Description

### About the Job

Join our team, your career journey starts here: not just a job, but a future.

### Potential Opportunity

We are seeking a **Principal Software Engineer** to join a dynamic Industrial Intelligence team. The applications you will work on address operational, optimization, and performance challenges across industries such as Manufacturing, Oil & Gas, Chemical & Process, Food & Beverages, and Metals & Mining. These applications leverage artificial intelligence, machine learning, physical and knowledge modeling, and data visualizations for real-time and historical big data analysis.

### What You'll Lead and Deliver

- Design, develop, and maintain robust, scalable, and high-performance Python-based systems and RESTful APIs, ensuring reliability, security, and maintainability in production environments.
- Lead and mentor junior and senior developers, establishing coding standards, architectural guidelines, and engineering best practices to drive team growth and code quality.
- Collaborate closely with product managers, business stakeholders, and cross-functional teams to translate requirements into technical solutions, contribute to roadmaps, and assess adoption of new tools and frameworks.
- Oversee and actively participate in code reviews, ensuring adherence to design principles, testing strategies, debugging practices, and performance optimization standards.
- Take end-to-end ownership of complex features and services, including requirements analysis, system design, implementation, testing, deployment, monitoring, and post-production support.

- Ensure systems are well-tested, observable, and resilient, leveraging logging, monitoring, and alerting to maintain high availability and performance.
- Continuously improve development processes, CI/CD pipelines, and system architecture to support scalability and long-term objectives.

### Requirements

- 5–8 years of hands-on experience in Python development with deep expertise in core Python concepts, OOP principles, asynchronous programming, and frameworks such as Django, Flask, and FastAPI.
- Strong background in backend development, RESTful API design, and working with relational databases (particularly PostgreSQL) with a focus on performance and scalability.
- Solid experience in Linux environments, containerization using Docker, and implementing or maintaining CI/CD pipelines for automated builds and deployments.
- Demonstrated ability to mentor and guide development teams, conduct effective code reviews, and make sound architectural and design decisions for complex systems.

### We Offer Competitive Benefits

- **Global Exposure:** Opportunities to work on international projects and collaborate with global teams.
- **Competitive Compensation:** A salary package that recognizes your expertise and contributions.
- **Annual Bonus:** Performance-driven rewards based on your gross pay.
- **In-House Lunch:** Meals provided during work hours.
- **Health Insurance:** OPD coverage for you and your parents, plus IPD coverage for you and your dependents.
- **Learning Opportunities:** Access to training programs, workshops, and certifications to enhance your skills.
- **Work-Life Balance:** Paid time off, including annual leave and holidays.
- **Inclusive Environment:** A workplace that celebrates diversity and fosters collaboration.

### Why Join Us

You will have the opportunity to work at the forefront of industrial automation and digitalization, contributing to transformative technologies that solve real-world challenges.

**What to Expect After Applying**

Our hiring process is designed to assess skills and potential in a fair and inclusive manner. After applying, you will be guided through a structured evaluation process to ensure mutual alignment.

We are proud to be an Equal Opportunity Employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.