

Job Title: Python Architect / Senior Developer

Primary Requirements:

- Experience: >12+yrs of experience working on python & automation project
- Expert Proficiency in Python Programming Language: Deep understanding of Python internals, design patterns, and best practices.
- Architectural Design and System Planning: Proven ability to design scalable, maintainable, and efficient Python-based architectures.
- Extensive Experience with Pandas Library: Advanced knowledge of Pandas for complex data manipulation, analysis, and optimization.
- Proficiency in Flask for Robust API and Web Application Development: Experience in designing and implementing RESTful APIs and web applications with a focus on performance and security.
- Deep Understanding of SQL and Database Architecture: Ability to design and optimize database schemas, write complex SQL queries, and manage database performance.
- Strong Emphasis on Code Quality, Testing, and Deployment: Expertise in designing and implementing comprehensive testing strategies (unit, integration, end-to-end), and experience with CI/CD pipelines.
- Experience with Angular framework

Good to Have Requirements:

- Experience with Google BigQuery and Cloud Data Warehousing: Ability to architect and implement data pipelines using BigQuery and other GCP services.
- Knowledge of Data Integration Tools (e.g., Lookerstudio): Experience in designing and implementing data integration strategies.
- Experience with distributed systems and microservices architectures.
- Experience with Google Cloud Platform (GCP) Services: Expertise in BigQuery, Cloud Functions, and other GCP services.
- Experience with Data Science and Machine Learning: Knowledge of machine learning libraries and frameworks.
- Experience with infrastructure-as-code tools like Terraform.
- Experience with event-driven architectures.

Key Responsibilities:

- Design and Architect Scalable Python-based Systems: Develop architectural blueprints, define system components, and ensure alignment with business requirements.
- Engage in daily, hands-on development of code: Actively participate in coding, debugging, and refining Python applications and APIs to ensure high-quality deliverables and continuous system improvement
- Lead the Development of Complex Python Applications and APIs: Provide technical leadership, mentor junior developers, and ensure adherence to coding standards.
- Optimize Data Processing and Analysis Workflows: Design and implement efficient data pipelines using Pandas and BigQuery.
- Develop and Maintain Robust Database Solutions: Design and optimize database schemas, and implement efficient SQL queries.
- Enforce Code Quality Standards and Testing Strategies: Implement comprehensive testing frameworks and ensure code reliability.
- Drive Technology Evaluations and Implement Best Practices: Research and evaluate new technologies, and recommend architectural improvements.
- Collaborate with Cross-functional Teams and Stakeholders: Communicate technical concepts effectively and provide strategic guidance.