

# Senior Python Developer

## AI Innovations Corp

Location: San Francisco, CA | Type: Full-time | Salary: \$120k-150k

### Job Overview

We are seeking a Senior Python Developer to join our AI team and help build cutting-edge machine learning applications. The ideal candidate will have strong experience in Python development, API design, and artificial intelligence technologies.

### Required Skills & Qualifications

- 5+ years of experience in Python development
- Strong experience with FastAPI, Django, or Flask frameworks
- Proficiency in machine learning libraries (TensorFlow, PyTorch, Scikit-learn)
- Experience with RESTful API development and microservices architecture
- Knowledge of SQL databases (PostgreSQL, MySQL) and NoSQL (MongoDB)
- Familiarity with cloud platforms (AWS, GCP, Azure)
- Experience with Docker containerization and CI/CD pipelines
- Strong understanding of software engineering best practices
- Bachelor's degree in Computer Science or related field

### Preferred Skills

- Experience with Kubernetes and container orchestration
- Knowledge of natural language processing (NLP) techniques
- Familiarity with MLOps and model deployment strategies
- Experience with data visualization tools (Matplotlib, Plotly)
- Knowledge of distributed computing frameworks (Apache Spark)
- Contributions to open-source projects

### Key Responsibilities

- Design and develop scalable Python applications and APIs
- Implement machine learning models and integrate them into production systems
- Collaborate with data scientists to productionize ML algorithms
- Write clean, maintainable, and well-documented code
- Participate in code reviews and maintain high development standards
- Optimize application performance and ensure system reliability
- Mentor junior developers and contribute to technical decision-making

### Benefits