M Faizan Ahmad

Python Intern

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Objective

I'm a Python developer and frontend engineer passionate about building clean, scalable, and user-friendly applications. I enjoy turning ideas into working products, from writing efficient backend logic in Python to creating smooth and responsive interfaces using modern frontend technologies. During my journey, I've worked on web applications, APIs, automation scripts, and interactive UI designs, solving real-world problems and improving performance.

Currently, I'm working as a Python Intern at DevOasis Technologies, where I contribute to backend development, API integration, and frontend improvements. I'm eager to continue learning and growing, and I'm excited to explore opportunities where I can build meaningful and scalable digital solutions.

Technical Skills

Programming&Backend: PythonJavaScript,C++,SQL
Frontend&UI: HTML,CSS,React,Redux,Next.js,Tailwind,MaterialUI
Cloud & DevOps: AWS (EC2, S3, Lambda, ECS, RDS), Docker, Kubernetes, GitHub Actions, GitLab CI/CD,NGINX
Databases&Storage: PostgreSQL,MySQL,MongoDB,Redis
AI&DataSystems: OpenAI API, LangChain, OCR, XGBoost, NLP pipelines, ML preprocessing
Architecture: Microservices, Event-Driven Systems, Domain-Driven Design, API Security, CI/CD Automation
Testing & QA: Jest, Cypress, PyTest, Postman, PHPUnit

Professional Experience

Python Developer – DevOasis Technologies (Internship) | Nov 2025 – Present
Developed backend logic using core Python, focusing on clean, readable, and efficient code. Built simple APIs and automation scripts to support internal tools and data-processing tasks. Worked with SQL databases to create tables, write queries, and manage application data. Improved existing Python scripts by refactoring logic, reducing redundancy, and enhancing performance. Collaborated with frontend teams by integrating Python-based modules with UI components. Wrote basic unit tests to ensure code reliability and reduce bugs. Contributed to Agile processes including code reviews, standups, and sprint planning.

Tech Stack: Python, FastAPI, SQL

Electrical Sub-Engineer – Khatoon Industries Pvt. (Contract) | May 2022 – Jul 2023
Assisted in building and maintaining electrical systems and small-scale circuits for project requirements. Worked with testing equipment (multimeter, oscilloscope, power supplies) to diagnose faults and validate circuit performance. Helped optimize wiring layouts, safety measures, and power distribution for better efficiency and reliability. Prepared basic electrical drawings and documentation to support senior engineers. Collaborated with the team to ensure smooth implementation of electrical components in ongoing projects. Followed safety standards and quality procedures during installation, testing, and troubleshooting.

Tech Stack / Skills: Electrical Engineering, Construction Site Inspections

Projects

OMS – AI Quote Management Platform

Built backend services for real-time quote generation. Integrated ML-based price prediction and automated PDF data extraction pipelines. Implemented batch retraining workflows to improve model accuracy over time.
Tech: Python, FastAPI, Golang, XGBoost, LangChain, SQL, Docker

LE Compliance – Document Intelligence System
Developed APIs for secure document upload and compliance analysis. Implemented NLP pipelines for clause extraction and classification. Deployed containerized backend services with role-based access controlonAWS.
Tech: Python, FastAPI, Golang, NLP, SQL, Docker, AWS

DoctorVerse – Healthcare Platform
Built Python microservices for appointment scheduling, notifications, and analytics. Integrated third-party APIs for payments, teleconsultation, and authentication. Ensured secure handling of healthcare data and scalable deployment.
Tech: Python, FastAPI, Stripe, Zoom, Firebase, SQL, Docker, AWS

PDF Feature Extraction Utility
Created an automation tool to convert scanned PDFs into structured datasets. Implemented OCR and text parsing pipelines to extract ML-ready features and export CSV/JSON outputs.
Tech: Python, Rust, Tesseract OCR, PyPDF2, LangChain, SQL

Education

Institute of Arts and Culture, Lahore   **Mar 2023**

Bachelor of Science in Computer Science (BSCS)
Christian Technical Training Centre, GRW   **Aug 2019 – May 2022**

Diploma of Associate Engineering in Electrical Technology (DAE)