

Mohammad Safwan Athar

Senior Software Engineer | Backend Engineering | DevOps | AI Architecture

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PROFESSIONAL SUMMARY

Senior Software Engineer specializing in production-scale backend systems, cloud infrastructure automation, DevOps workflows, and AI-driven application architecture. Experienced in building high-traffic platforms, reverse-engineering complex systems, optimizing deployment pipelines, and leading backend development across multiple products. Proven growth from full-stack development into senior backend ownership, architecture design, team mentorship, and project leadership in remote-first engineering teams.

TECHNICAL SKILLS

Languages: Python, Node.js, Java, C, C++, JavaScript, SQL

Backend & Web: FastAPI, Django, Django REST Framework, REST APIs, React

AI & Automation: LangChain, CrewAI, RAG Systems, Gemini API, GPT-4 API, OCR, Tesseract

DevOps & Cloud: AWS, GCP, Huawei Cloud, Docker, Kubernetes, OpenShift, Jenkins, Ansible, Linux

Specialized: Reverse Engineering, Technical SEO, Penetration Testing, System Design, Production Deployment

PROFESSIONAL EXPERIENCE

Bottrion Systems Pvt Ltd | India | Remote

Dec 2023 - Present | Total Duration: 2 yrs 5 mos

Senior Software Engineer

Full-time | Sep 2025 - Present | 8 mos

- Lead backend development across multiple large-scale projects, owning architecture design, system optimization, production deployment, and end-to-end implementation.
- Serve as a key technical contributor for international EdTech, travel-tech, marketplace, and AI-powered career platforms.
- Design scalable APIs, deployment workflows, and infrastructure automation patterns across Huawei Cloud, GCP, and containerized environments.
- Mentor junior developers and interns, helping them progress toward independent feature ownership and stronger backend engineering practices.

Key Skills: Python, Production Deployment, System Design, DevOps, Cloud Infrastructure, API Architecture, Team Mentorship

Software Development Engineer

Full-time | Jan 2025 - Sep 2025 | 9 mos

- Spearheaded backend development for multiple projects, contributing both as a team member and solo developer when required.
- Built and maintained production APIs using Django, Django REST Framework, and FastAPI.
- Improved deployment pipelines, infrastructure reliability, performance optimization, and cloud-based application delivery.
- Contributed to AI-driven features including resume parsing, job-description matching, and workflow automation.

Key Skills: Django, Django REST Framework, FastAPI, Python, REST APIs, Backend Development, DevOps

Full Stack Developer

Full-time | Mar 2024 - Dec 2024 | 10 mos

- Led backend development for an e-commerce platform, designing APIs for orders, payments, delivery management, products, and authentication.
- Built full-stack features using Django, React, and REST APIs while supporting frontend, backend, and deployment workflows.
- Improved backend reliability, database structure, and API maintainability for production-facing systems.
- Supported technical SEO and performance improvements to strengthen organic product visibility.

Key Skills: Python, Django, REST APIs, React, JavaScript, SQL, E-commerce Backend Development

Full Stack Developer Intern

Internship | Dec 2023 - Feb 2024 | 3 mos

- Assisted in building backend architecture for an e-commerce website using Django REST Framework.
- Developed foundational APIs for product management, user authentication, order workflows, and admin operations.
- Built hands-on experience in API design, database models, full-stack development, deployment basics, and production engineering standards.

Key Skills: Python, Django, Django REST Framework, REST APIs, Backend Architecture, Full Stack Development

KEY PROJECTS

Step2Uni | UK EdTech

- Led backend and infrastructure development for a student application ecosystem.
- Built scalable backend architecture and automated deployment pipelines for cloud environments.

RailTC.in | Founder & Lead Developer

- Developed a production-ready PNR prediction engine with 13k+ monthly active users.

- Implemented a custom OCR-based scraper to reduce dependency on third-party APIs while maintaining high reliability.

CareerGru.com | Infrastructure Lead

- Supported DevOps planning, cloud migration, and AI-driven resume parsing workflows.
- Mentored junior developers and interns on backend feature ownership and AI feature enhancement.

Khayyal.com.sa | System Consultant

- Designed the initial scalable API architecture for a KSA-based marketplace.
- Guided backend maintenance, API performance improvements, and system optimization.

SELECTED ACHIEVEMENTS

- Reverse Engineering: Built custom scrapers and automation scripts to reduce costly third-party API dependencies.
- Team Mentorship: Upskilled junior developers and interns toward independent feature ownership.
- Organic Growth: Applied technical SEO practices to improve product visibility and drive organic traffic growth.
- Security: Conducted periodic security audits and penetration testing to strengthen API endpoints.

EDUCATION

Bachelor of Computer Applications (BCA) | Vidyabharti Mahavidyalaya, Amravati | 2020 - 2023 | First Division

LANGUAGES

English, Hindi, Urdu, Marathi