

Mohammad Safwan Athar

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in [mohammad-safwan-athar](https://github.com/mohammad-safwan-athar)

🔗 [Dev-Saif-Ops](#)

Senior Software Engineer | Backend,
DevOps & AI Architecture

Professional Summary

Senior Software Engineer and Technical Lead with extensive experience in architecting production-scale backend systems, automating cloud infrastructure, and deploying Agentic AI workflows. Proven expertise in reverse-engineering legacy systems to build high-traffic, cost-effective solutions. Committed to a language-agnostic philosophy: focusing on scalable architecture and efficient problem-solving across any modern tech stack.

Technical Skills

Core Languages	Python (Expert), Node.js, Java, C, C++, JavaScript, SQL
Web & AI	FastAPI, Django, React, LangChain, CrewAI, RAG Systems, Gemini/GPT-4 API
DevOps & Cloud	AWS, GCP, Huawei Cloud, Docker, Kubernetes, OpenShift, Jenkins, Ansible, Linux
Specialized	Reverse Engineering, OCR (Tesseract), Technical SEO, Pentesting, System Design
Philosophy	Language Agnostic: Prioritizing architectural integrity and logic over specific syntax. Adaptable to any environment to meet business objectives, Insha'Allah.

Professional Experience

- 2023–Present **Senior Software Engineer / Project Lead (Remote), Bottrion Systems Pvt Ltd**
Serving as the primary technical architect across multiple international platforms, overseeing the full development lifecycle from infrastructure to AI integration.
- **Step2Uni (UK EdTech):** Leading a cross-functional team to build a student application ecosystem. Engineered the backend architecture and automated deployment pipelines on cloud environments.
 - **RailTC.in (Founder & Lead Developer):** Developed a production-ready PNR prediction engine. Implemented a custom OCR-based scraper to bypass third-party API costs, achieving 13k+ monthly active users and 95% scraper reliability.
 - **CareerGru.com (Infrastructure Lead):** Orchestrating the DevOps roadmap and cloud migration. Currently mentoring junior developers and interns on enhancing AI-driven resume parsing and JD matching features.
 - **Khayyal.com.sa (System Consultant):** Designed the initial scalable API architecture for the KSA-based marketplace. Overseeing current maintenance and guiding the backend team on performance optimization.
 - **Infrastructure Automation:** Managed containerized production workloads on Huawei Cloud and GCP, implementing CI/CD patterns that improved deployment frequency and system uptime.

Education

2020–2023 **Bachelor of Computer Applications (BCA), Vidyabharti Mahavidyalaya, Amravati, First Division**

Selected Achievements & Impact

Reverse Engineering	Bypassed high-cost API dependencies for proprietary projects by engineering custom scrapers and automation scripts.
Team Mentorship	Successfully upskilled 3+ junior developers and interns, moving them into independent feature ownership within 3 months.

- Organic Growth Leveraged technical SEO to rank internal products on the first page of search results, driving 2K+ organic monthly clicks for RailTC.
- Security Conducted periodic security audits and penetration testing to harden API endpoints against common vulnerabilities.

█ Languages

Fluent English, Hindi, Urdu, Marathi