

Muhammad Asif Senior Software Engineer | AI Architect | DevOps Specialist

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Professional Summary

Award-winning technology leader with over a decade of experience in full-stack development, AI integration, and DevOps engineering. Recognized on the Forttuna Global 100 Power List 2025 for innovation in AI and software architecture. Proven expertise in designing scalable SaaS platforms, architecting cloud-native systems, and delivering high-impact software solutions across real estate, healthcare, and e-commerce domains.

Education

BS in Computer Science

FAST National University of Computer and Emerging Sciences (FAST-NUCES), Lahore — *Graduated: Aug 2017*

Certification in Web App Development

Microtechx Technologies, Lahore — *Completed: June 2016*

Professional Experience

Director & Solution Architect

Datamart Inc. (Feb 2024 – Present)

- Led architectural direction and DevOps strategy for all Datamart platforms, including Ruby Orbit and Smartlinkx AI.
- Migrated legacy systems to GCP microservices architecture using Docker and Kubernetes.
- Implemented CI/CD pipelines with GitHub Actions for zero-downtime deployment.
- Managed hybrid teams, budgets, and strategic planning for scalable enterprise apps.

Director of Software Engineering

Axion Communications (Nov 2024 – Apr 2025)

- Managed a global team of engineers delivering cloud-first solutions.
- Architected microservices using GCP Pub/Sub, Cloud Run, and automated DevOps pipelines.
- Drove OKR-based delivery, boosting release velocity and team efficiency.

CEO / CTO & Lead Developer

A2K Solutions LLC (Jan 2020 – Mar 2025)

- **PocketISAI:** Built an AI-powered CRM platform using GPT-4, trained on 50k+ conversations, with Twilio SMS automation.
- **Elite Med Labs (EML):** Developed HL7-compliant lab middleware and portals for patients, doctors, and lab techs.
- **LimouCloud:** Cloud-based business suite for limousine management, featuring payroll, dispatching, and reservations.
- Other Projects: Facespace AI (image classification), Revood (food discovery), 5kRun Events, CAP stock market analyzer.
- Scaled teams, led client acquisition, and delivered 40+ projects across industries.

Full-Stack Developer

Datamart Inc. (Aug 2020 – Jan 2022)

- **Conversion Monster Integration (CMI):** Developed middleware to sync 35+ CRM systems in real time.
- Engineered scalable Django APIs, deployed with Docker on GCP Cloud Run. - Optimized backend systems to handle over 5 million records daily.

Web Developer

Novatore Solutions (Jul 2018 – Jan 2020)

- Delivered responsive web apps using Django, JS, HTML/CSS. - Created client dashboards and ERP integrations. - Collaborated with UI/UX designers to launch user-friendly interfaces.

MVC Web App Developer & Trainer

Trodo Soft (Jun 2017 – Jul 2018)

- Developed ASP.NET MVC applications for small businesses. - Trained junior developers in software engineering best practices.

Technical Skills

- **Languages:** Python, JavaScript, HTML, CSS, SQL
- **Frameworks:** Django, Flask, FastAPI, React.js, Next.js
- **AI/ML:** GPT-4, RAG, OpenAI, Hugging Face, Vision AI
- **DevOps:** Docker, Kubernetes, Terraform, GitHub Actions, CI/CD
- **Cloud:** AWS, GCP, Firebase, DigitalOcean
- **Databases:** PostgreSQL, MongoDB, MySQL, DynamoDB
- **Tools:** Git, Postman, Figma, VSCode, WebSockets

Certifications & Recognition

- **Forttuna Global 100 – Power List 2025** – Young Business Leader in AI & Software Architecture
- **OpenAI GPT Integration Expert**
- **Certified Web Developer – Microtechx Technologies**

Languages

- English (Fluent)
- Urdu (Native)

References

Available upon request