

Samah Shakir Ali — Senior Full Stack Engineer

Saudi Arabia

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Professional Summary

Senior Full Stack Engineer with 3+ years of experience building high-impact AI-powered software solutions. Proven expertise in architecting scalable microservices using Python, React, and TypeScript, with hands-on experience developing Agentic AI systems and LLM-powered applications. Demonstrated ownership mentality driving projects from concept to production, reducing operational costs by 40% and boosting user engagement. Passionate about leveraging cutting-edge AI technologies to deliver impactful solutions in fast-paced environments.

Technical Skills

Languages & Frameworks: Python, TypeScript, JavaScript, React, Next.js, Node.js, Go, C#, .NET Core, HTML/CSS

Databases & Caching: SQL, MySQL, MongoDB, Redis, Entity Framework Core

AI & Machine Learning: OpenAI API, LangChain, LLM Orchestration, Multi-Agent Architectures, Agentic AI Systems, Conversational AI, Prompt Engineering

DevOps & Cloud: AWS (EC2, S3), Docker, Kubernetes, Git, CI/CD (GitHub Actions), Nginx, Prometheus, Grafana, Postman

Architecture & Testing: Microservices, RESTful API Design, Event-Driven Architecture, Agile/Scrum, Unit Testing (Jest, xUnit)

Professional Experience

Lubab Technologies

Khamis Mushait, Saudi Arabia

Full Stack Developer

Feb 2025–Present

- Architected and delivered a multi-tenant SaaS platform using React and Node.js, automating subscription workflows and cutting customer onboarding time by 40%.
- Engineered an AI-powered autonomous reminder agent with Next.js, OpenAI API, and LangChain, delivering personalized Call/SMS/WhatsApp messages that reduced patient no-shows by 15%.

Claysys

Kochi, India

Software Engineer

May 2023–Nov 2024

- Enhanced application security by engineering a FIDO2-compliant, passwordless authentication module in .NET Core, satisfying modern identity verification standards.
- Developed and integrated RESTful APIs for core services, managing and scaling a SQL database supporting over 10,000 active users.
- Built a multi-factor authentication (MFA) system using .NET, delivering one-time passcodes (OTPs) via SMS and email to harden user account protection.
- Mentored 2 junior engineers in .NET best practices through rigorous code reviews and pair programming, improving team code quality and development velocity.

Sovereign Enterprises

System Engineer

Calicut, India

Sept 2022–Apr 2023

- Optimized IT system architecture for high availability, reducing system downtime by 25% and achieving 99.9% uptime through proactive server management.
- Directed system troubleshooting efforts, implementing new monitoring protocols that cut mean time to resolution (MTTR) by 30%.
- Automated routine maintenance tasks and deployed monitoring tools (e.g., Zabbix, Grafana), reducing manual operational overhead and improving system efficiency.

Key Projects

Cognify AI App (2025): Developed a personal content generation app using React Native and OpenAI. Achieved a 4.5/5 rating from 200+ beta testers for its intuitive UX and dynamic content creation.

CredRep Platform (Award-Winning): Architected a decentralized review platform using Solidity, Node.js, and React. Work resulted in a State-sponsored Technology Innovation Award from the Government of India.

ERP NXT: Built a web-based accounting management system with ASP.NET Core and MySQL, featuring real-time financial data visualizations with Chart.js to enhance business decision-making.

Education

Visvesvaraya Technological University

B.Eng. in Computer Science, CGPA: 8.2/10

Belgaum, India

2018–2022

Excel Public School

High School (Computer Science), Score: 86%

India

2016–2018

Certifications & Awards

2025: AI Agents & AI Architecture (Vanderbilt University)

2024: Google Cybersecurity Professional (Google), Machine Learning with Python (Coursera)

2023: State-sponsored Technology Innovation Award (Govt. of India), Information Security Cert.

Languages

English: Full Professional Proficiency

Arabic: Limited Working Proficiency

Malayalam: Native