

Aman Kumar

SDE III

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📍 Pune, India

🔗 Portfolio!

🌐 amnshrvtv/

🌀 amphenix/

📄 PROFILE

AI Systems & Full Stack Engineer with 6+ years of experience building scalable, high-performance applications and intelligent platforms. Specialized in LLM-powered systems, RAG, Multimodal architectures, and parallel processing using Go. Strong expertise in React.js, TS, PostgreSQL, and cloud-native deployments. Proven track record of modernizing legacy systems, optimizing performance, and designing low-hallucination AI workflows. Recognized for technical leadership and delivering production-grade AI-driven solutions.

📜 CERTIFICATIONS

- Microsoft Certified: Azure AI Fundamentals
- Microsoft Certified: Azure Fundamentals

🎓 EDUCATION

Bachelor of Engineering

RGPV University

06/2014 – 06/2018 | India

CGPA: **7.92/10**

🧠 SKILLS

AI & ML:

RAG, SLM, Multimodal Architectures, LLM, Vector Search

Web Technologies:

JavaScript (ES6+), TypeScript, React.js, Redux, Jest, HTML5, CSS3, SASS

Backend Technologies:

Go (Goroutines, Parallel Processing), Node.js, Express.js, GraphQL, Docker, Kubernetes, Kafka, Nginx, Redis, Java 17, Spring Boot, REST APIs

Database:

MySQL, Firebase Storage, DynamoDB, MongoDB, PostgreSQL

Others

WCAG, AWS Services, S3, IAM, Cognito, Firebase, Python, Pandas, NumPy, TensorFlow, PyTorch, DSA, System Design

📁 PROFESSIONAL EXPERIENCE

Servicenow

SDE III

05/2025 – Present

Tech Stack: Go, RAG, SLM, LLM, Vector Search, Jenkins, Docker

- Improved frontend performance by **35%** through **batch processing**, **caching** and architectural optimizations.
- Built a **YAML-driven Jenkins** pipeline integrated with Claude for automated PR reviews.
- Engineered a **Go-based parallel multi-model orchestration** framework for dynamic LLM/SLM routing and low-latency execution.
- **Architected RAG pipelines** and deployed self-hosted SLM infrastructure with semantic retrieval, reducing cost and improving inference performance.

Flipkart

SDE II

03/2025 – 05/2025

• **Tech Stack:** Go, React.js, TypeScript, Redux, REST APIs, CI/CD

- **End-to-end owner** of the Flipkart Seller App within the COE team, driving scalable architecture and performance optimization.

Amdocs

Software Developer

03/2022 – 02/2025

• **Tech Stack:** React.js, TypeScript, Redux, Java, Springboot, Generative AI Integration

- **Led** a client POC that secured enterprise investment; **promoted** to UI Lead for the awarded program.
- **Architected** a micro-frontend OSS platform, improving **page load performance** by **35%**.
- Built **scalable** REST APIs using Java & Spring Boot and led a team of 7 engineers to ensure high-quality delivery.
- **Achievements:** Received Recognition Award and Employee of the Month for innovative solutions and leadership.

AAIC (Startup)

Software Engineer

06/2021 – 03/2022

• **Tech Stack:** React.js, TypeScript, Redux, RESTful APIs, JavaScript

- Built and scaled an e-learning platform, improving **engagement** by **40%** and **performance** scores by **30%**.

Freelancer UI Developer

2021 – 2022

• **Tech Stack:** React.js, AWS Services, Agora, JavaScript

- Implemented **AWS**-based authentication and resolved **XSS vulnerabilities** to improve application security.

Cognizant

Programmer Analyst

12/2018 – 04/2020

• **Tech Stack:** React.js, JavaScript, Webp, WCAG

- Improved performance of a high-traffic React application, reducing load time by 15% and increasing engagement by 20%.

🧑‍💻 INTERNSHIPS

Summer Trainee

Tata Motors

06/2017 – 07/2017

- **Automated** BIW & Trim Line QA workflows, improving **CTR** by **7%**.

Summer Intern

Bosch Paramobile

07/2016 – 08/2016

- Developed product tours with **React** for a new feature, **improving customer adoption** by **25%**.