Atul Nagose

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SENIOR SOFTWARE DEVELOPMENT ENGINEER

Full-stack engineer with **2.5+ years** architecting scalable systems using **MERN stack, AWS, and real-time technologies**. Proven track record improving performance by **45-60%**, reducing operational costs by **30%**, and automating critical workflows. Expert real-time systems, and production-grade deployments.

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, TypeScript, React.js, (Tailwind CSS, Responsive Design, Redux, Context API) Node.js, Express.js, REST APIs, GraphQL
Databases & Caching: MongoDB (Indexing, Aggregation Pipeline), Redis, DynamoDB
Cloud & DevOps: AWS (EC2, S3, CloudWatch, SES), Docker
Real-Time & Messaging: WebSockets, Event Streams
Tools & Practices: Git, Jest, Postman, Clean Code, Agile, System Design, Code Reviews

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PROFESSIONAL EXPERIENCE

Alluvium IoT Solutions Pvt. Ltd. | Full-Stack Engineer | *Jul 2024 – Present*

- **Led end-to-end architecture** of AlVision EXIM platform with **99.9% uptime** - improved operational efficiency by **40%**
- implemented **Redis caching** reducing response time by **60%**
- Built **real-time notification system** (MongoDB Change Streams + WebSockets) handling **100+ concurrent connections**
- Automated **Excel-to-JSON pipeline** processing **5K+ records in <10 sec** - eliminated **60%** manual work
- Developed **email automation** with intelligent parsing - reduced manual intervention by **56-60%**
- Integrated **IoT GPS devices** for live tracking of **100+ assets**; automated reporting pipeline serving **500+ monthly reports**
- Automated **reporting pipeline** using ExcelJS + AWS SES generating **500+ monthly reports.**
- **Optimized AWS infrastructure** cutting costs by **30%** through auto-scaling, caching, and resource optimization
- Implemented secure authentication and authorization with **JWT**.
- 🏆 **Awarded:** Outstanding Performance for Exceptional Delivery - 2024

Varahi Technologies | Full-Stack Engineer | *April 2023 – Jul 2024*

- **Aident (AI Dental Diagnostics Platform):** Architected scalable backend with **GraphQL API + DynamoDB** improving diagnostic accuracy by **45%** and response time by **55%**; integrated **S3 + CloudFront CDN** reducing medical image load time by **70%**; built **React frontend** with **Razorpay payment** integration; deployed on AWS with **99% uptime**

- **GetScreened (AI Recruitment Platform) :** Built AI-based resume scoring, **WebRTC** video interviews, **GraphQL APIs** with **DynamoDB,** and secure **payment** flow in React; improved hiring efficiency **by 60%** and processed **100+** candidate evaluations daily.
- **Kolinq (React Native) :** Integrated Firebase Auth + Google Maps API for **100+ users**; built real-time chat with push notifications - boosted engagement by **50%**

KEY PROJECTS

AlVision EXIM Platform – MERN, AWS, Redis, WebSockets, Docker Enterprise data management system with real-time dashboards, workflow automation, and IoT integration.

Integrated multiple third-party APIs (payment, GPS tracking, file parsing, and data automation) into Node.js

Manufacturing Safety Dashboard – React, Canvas API, WebSockets, AWS Live video annotation system for PPE/smoke/fire detection with AI-powered alerts. Scalable architecture designed to handle **10 + camera feeds** with **92% detection accuracy**.

AI Interview Platform – React, Node.js, WebRTC End-to-end recruitment automation with resume parsing, AI-powered scoring engine, and live video interviews. Optimized for **high-volume candidate processing**.

TECHNICAL LEADERSHIP

- **Reduced manual workflows by 50%** through intelligent automation and scripting across projects
- **Mentored 2 junior developers** on React best practices, clean code principles, and code review standards
- **Implemented monitoring & alerting** with CloudWatch cutting incident response time by **70%**
- **Optimized database queries and API performance** achieving **45-60% improvement** across multiple systems

EDUCATION

Master of Computer Applications (MCA) – SPPU University, 2023 | CGPA: 8.48/10
Bachelor of Commerce in Computer Applications – RTMNU University, 2020 | 70.41%

Open to Remote, Hybrid, and On-site Roles | Global Opportunities