SHUBHAM SURYAWANSHI

Senior Full Stack Engineer | Node.js, NestJS, TypeScript, React, Next.js
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PROFESSIONAL SUMMARY

Full stack engineer with about 6 years of experience building backend systems and web applications in Node.js, NestJS, TypeScript, React and Next.js, with PostgreSQL and MongoDB. Recent work includes a ServiceNow support assistant built on RAG and a multi-tenant onboarding platform. Earlier I built KYC systems for an insurer and several e-commerce products. Comfortable owning a feature from design through deployment.

TECHNICAL SKILLS

Backend: Node.js, NestJS, Express.js, TypeScript, JavaScript, REST APIs, Microservices

Frontend: React.js, Next.js, HTML, CSS

Databases: PostgreSQL, MongoDB, Elasticsearch, SQL to MongoDB migration, query optimization

AI / GenAI: RAG, LLM integration, OpenAI, Hugging Face (Qwen), Elasticsearch ELSER, semantic search

DevOps: Docker, Kubernetes, CI/CD, GitHub Actions, Azure DevOps, Linux, monitoring

Architecture: Multi-tenant systems, system design, API design, performance tuning

PROFESSIONAL EXPERIENCE

Hexaware Technologies, Pune Dec 2023 - Present
Senior Software Engineer

- Built a support assistant for ServiceNow ticket resolution using retrieval-augmented generation (RAG). It pulls KB records through ServiceNow APIs, chunks and embeds them with OpenAI and Elasticsearch ELSER, and answers with OpenAI and open-source models (Qwen via Hugging Face), citing KB articles and similar past problems.
- Automated the knowledge ingestion pipeline, cutting knowledge readiness from 2-3 days to under 4 hours.
- Built Meta Ops, a CI management module, that cut manual BAU effort by 60%+ across multiple client environments.
- Created a tenant onboarding automation tool for a multi-tenant system, reducing setup time by about 50%.
- Tuned APIs and database queries, improving response times by up to 40%.
- Added monitoring to data pipelines, reducing troubleshooting effort by 60%+.

Tech: Node.js, NestJS, TypeScript, Next.js, PostgreSQL, MongoDB, Elasticsearch, Docker, Kubernetes, GitHub Actions, Azure DevOps

Harjai Computers Pvt. Ltd., Mumbai Dec 2021 - Nov 2023
Senior Software Engineer (deployed at client: Reliance Nippon Life Insurance)

- Built a liveness detection system (PIVC) that automated selfie verification and cut manual review.
- Developed a video KYC platform for real-time verification with automated capture.
- Built a document verification system integrated with DigiLocker, shortening customer onboarding time.
- Developed SQL to MongoDB migration APIs, improving scalability and performance.
- Optimized backend services and dashboards for faster responses and real-time insights.

Tech: Node.js, TypeScript, Express.js, SQL, MongoDB, REST APIs, DigiLocker

Logyana Solutions, Pune Sep 2019 - Sep 2021
Senior Full Stack Developer (joined as an intern in 2019, full-time from 2020)

- Led development of several applications across e-commerce, education and internal tools.
- Built a subscription-based e-commerce platform and an online learning platform with live sessions.
- Built a billing system with offline support and WhatsApp integration.

Tech: Node.js, React.js, JavaScript, MongoDB, REST APIs

EDUCATION

Bachelor of Science in Computer Science 2017 - 2020
Fergusson College (Autonomous), Pune