SHRUTI SAXENA

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Authorized to work in Germany / EU. No visa sponsorship required.

SUMMARY

Full-Stack Engineer with 5+ years building and shipping production web apps end to end using React/Next.js, Node.js/TypeScript, and PostgreSQL/MongoDB. Built systems serving 500k+ users across the frontend, API, and database, with a strong focus on performance, testing, and CI/CD. Also comfortable integrating LLM and AI features into real products.

SKILLS

Languages: TypeScript, JavaScript, Python
Frontend: React.js, Next.js, Redux, Zustand, Vue.js, Micro-frontends (Module Federation)
Backend: Node.js, Express.js, Nest.js, Fastify, GraphQL, REST, WebSockets, Microservices
Databases: PostgreSQL, MongoDB, Redis, SQL
Testing & Quality: Jest, CI/CD, code-splitting, performance optimization
DevOps & Cloud: Docker, Kubernetes, AWS, Azure, GCP, CI/CD, GitHub Actions, Jenkins, GitLab CI
AI / ML (plus): LLM integration, RAG, LangChain, vector databases, FastAPI

EXPERIENCE

Forward Deployed Engineer Jan 2026 – Present
Avanai *Berlin, Germany*

- Built a procurement platform for a major enterprise client covering the full purchase-requisition to purchase-order to invoice cycle, used daily across an organization of **~50,000 employees**, with **React/Next.js** frontends and **Node.js/TypeScript** services delivered end to end.
- Built **data pipelines** integrating **SAP** and other source systems to feed the procurement workflows, plus a support app for suppliers and approvers to track and manage requests across the cycle.
- Built a full-stack lead-generation platform that sources and enriches prospect data to power the company's cold-outreach pipeline, pairing a **React** interface with **Node.js/TypeScript** services and automated enrichment workflows.
- Built **LLM-powered automation** features into the production apps, plus an **automated evaluation and testing pipeline** with a self-serve UI for the team to run tests and give feedback on their own.
- Built **GitHub Actions CI/CD pipelines** integrated with **AWS** (S3, IAM credentials and secrets) to automate builds and deployments.

Full-Stack AI Engineer (Working Student) Mar 2025 – Nov 2025
Loudly GmbH *Berlin, Germany*

- Built and shipped **TypeScript** and Python SDKs bridging research ML prototypes to production APIs.
- Developed and deployed **FastAPI** microservices with scalable inference pipelines on **AWS**, backed by a partitioned, indexed **PostgreSQL** layer and Docker + GitLab CI/CD for automated test and deploy.

Full-Stack JavaScript/TypeScript Engineer Sep 2021 – Oct 2024
Ajio.com *Bangalore, India*

Seller Central & customer e-commerce platform.

- Built features across an end-to-end order-fulfillment platform serving **500k+ monthly users**, using **Node.js** microservices, **MongoDB** with optimistic locking, and a **React** front end with real-time WebSocket updates. Contributed to raising delivery success from **42% to 71%**.
- Built an automated seller-onboarding platform with a **GraphQL** API and Node.js backend that dynamically renders forms from **50+ Next.js** components based on business rules, cutting onboarding time from **8.2h to 4.5h**.
- Developed a customer return portal in **React** with a multi-step workflow, **Redux** state, and real-time payment reconciliation, handling **50k+ monthly** requests at **99.2% uptime**.
- Refactored a monolithic React app into a **micro-frontend** architecture with Module Federation, code-splitting, and lazy loading. Added **500+ Jest tests** and cut initial page load by **60% (8.2s to 3.3s)**; also cut build times **65%** with Jenkins and Docker multi-stage caching.

Software Engineer Dec 2019 – Sep 2021
Capgemini *Bangalore, India*

- Built **15+ REST APIs** in **Node.js/TypeScript** with WebSockets and Redis caching for 200+ concurrent users at 99.8% uptime, cutting response time **70% (850ms to 250ms)**; also built real-time **React/Redux/D3** dashboards processing 500k+ daily log entries.

EDUCATION

M.Sc. Computer Science (Big Data & AI), SRH University of Applied Sciences, Berlin 2024 – 2026
B.Tech Information Science Engineering, VTU, Bangalore 2015 – 2019

LANGUAGES

English (native) • German (A2, improving) • Hindi (native)