

DARSHAN KSHETRI

Software Developer

Pune, India

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Summary

Computer Science graduate with hands-on experience in full-stack development and automation testing. Skilled in React, Spring Boot, Node.js, and AWS deployments. Proven ability to build scalable, secure applications and optimize performance. Seeking a Software Developer role to contribute and grow.

Technical Skills

Languages: C, Java, JavaScript, TypeScript

Frontend: React.js, Next.js,

Backend: Spring Boot, Node.js, Express.js

Databases: MySQL, PostgreSQL

AI Productivity: GenAi, ChatGpt, Gemini

Testing/CI: Playwright, GitHub CI/CD

Tools: IntelliJ, VS Code, Trello, New Relic, Postman

Experience

SDET Intern

Pune

RemoSys Infosystems Pvt. Ltd.

Apr 2025 – Sep 2025

- Built and enhanced UI using React.js and Next.js, improving user engagement.
- Migrated encrypted Java JAR logic into scalable Spring Boot REST APIs.
- Implemented virtual threads and performance tuning for high-traffic scenarios.
- Automated testing using Selenium and Playwright, reducing manual QA by 40%.
- Deployed applications on AWS EC2 with Nginx achieving 99.9% uptime.

Projects

Quality Health Meter — Live

- Designed and developed a production-grade health monitoring platform with a React.js frontend featuring real-time meter gauges, reports, loaders, and responsive UI.
- Built secure and scalable Spring Boot REST APIs; implemented **virtual threads** to efficiently handle high concurrent traffic.
- Integrated **Razorpay** payment gateway for secure online transactions and **Gmail API** for automated user notifications.
- Implemented PDF report generation using react-pdf for client-ready health analysis.
- Deployed the application on **AWS EC2 (Linux/Windows)** with **Nginx** as a reverse proxy, ensuring secure global access.
- Followed modular architecture, validation layers, and secure API practices for maintainability and data safety.

E-Local – Full-Stack E-Commerce Platform — Live

- Developed and deployed a full-stack e-commerce platform using Next.js, React, Redux Toolkit, Node.js, Express.js, and PostgreSQL (Neon).
- Implemented **JWT-based authentication**, product search with filters, cart management, checkout flow, and Stripe payment integration.
- Added forgot-password functionality with email notifications using Nodemailer.
- Followed environment-based configuration and deployed frontend on Vercel and backend on Render.
- Designed REST APIs and frontend state management with scalability and clean separation of concerns.

AI Developer Productivity Assistant (GenAI Project) — GitHub

- Built a production-style AI developer assistant using **local LLaMA 3.1** with real-time token streaming from backend to frontend.
- Implemented **streaming architecture** using Node.js, Express, and Next.js App Router to deliver incremental AI responses without buffering.
- Ensured clean separation of concerns between frontend, backend, and model inference layers, mirroring real-world GenAI system design.
- Focused on privacy-first, offline AI execution without reliance on cloud-based LLM APIs.

Certifications

Work Smarter with Generative AI for Professionals
Planet of Students

2025

- Learned practical applications of Generative AI for productivity, automation, and professional workflows.
- Gained exposure to prompt engineering, AI-assisted decision making, and responsible AI usage.

[Certificate Link](#)

Education

M.Sc. Scientific Computing
Savitribai Phule Pune University, Pune

2023 – 2025

B.Sc. Computer Science
Vidya Pratisthan Arts, Commerce and Science, Baramati

2020 – 2023