

# DARSHAN KSHETRI

Software Developer

Pune, India

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## Summary

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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

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**Languages:** C, Java, JavaScript, TypeScript

**Frontend:** React.js, Next.js, Tailwind CSS

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

**Databases:** MySQL, PostgreSQL, MongoDB

**Cloud/DevOps:** AWS, Docker, Nginx

**Testing/CI:** Playwright, GitHub CI/CD

**Tools:** IntelliJ, VS Code, Jira, Trello, SonarQube, New Relic, Snyk

## Experience

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### SDET Intern

**RemoSys Infosystems Pvt. Ltd.**

Pune

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

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### 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 handle concurrent traffic efficiently.
- 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 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 to ensure 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.

### Diecare – Automation & Task Management System

- Built customer-facing modules using React.js including authentication, dynamic dashboard, cart, and checkout workflows.
- Implemented PDF-based purchase reports and optimized smart search with live suggestions to improve UX.
- Developed product management features enabling add, update, and delete operations.

## Education

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### M.Sc. Scientific Computing

*Savitribai Phule Pune University, Pune*

2023 – 2025

### B.Sc. Computer Science

*Vidya Pratisthan Arts, Commerce and Science, Baramati*

2020 – 2023