

Dhruv Dave

Software Development Engineer

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SUMMARY

Software Development Engineer with production experience building scalable web applications, cloud-native microservices, and AI-powered systems. Proficient across **React.js, Next.js, TypeScript, Java, Spring Boot, and Go** with hands-on exposure to **Agentic AI, RAG pipelines, and MCP integrations**. Experienced in **Docker, AWS, CI/CD, and System Design** with a track record of reducing API latency, optimizing build pipelines, and delivering full-stack features in fast-paced Agile environments.

TECHNICAL SKILLS

Languages	Java, JavaScript (ES6+), TypeScript, Go, SQL, HTML5, CSS3
Frontend	React.js, Next.js, Redux, Zustand, Tailwind CSS, Responsive Design, Server-Side Rendering
Backend	Spring Boot, Spring MVC, Spring Security, Hibernate ORM, REST APIs, Microservices, WebSocket, gRPC
AI / ML	Spring AI, Gemini AI, RAG (Retrieval-Augmented Generation), Agentic AI, MCP (Model Context Protocol)
Databases	MySQL, PostgreSQL, MongoDB, Redis
DevOps & Cloud	Docker, AWS (EC2, S3, Lambda), GCP, Git, GitHub Actions, CI/CD, Maven, Jira, Linux
Concepts	System Design, OOP, DSA, SOLID, Design Patterns, MVC, JWT, API Design, Agile/Scrum

EXPERIENCE

Dandelion Tech Solutions

Junior SDE

July 2026 – Present

- Converted from internship to full-time role based on demonstrated ability to contribute across the stack; taking on broader ownership across backend services, platform features, and cross-team initiatives.

Dandelion Tech Solutions

Full Stack Developer Intern

Jan 2026 – June 2026

- Delivered end-to-end features for a **hotel booking SaaS platform** — built responsive landing pages, developed new API endpoints, and optimized existing services, **reducing API response time by 25%**.
- Architected and shipped a **complete Admin Panel** (frontend + backend) from the ground up, empowering internal teams to manage bookings, users, analytics, and platform operations at scale.
- Cut backend build time by 30%** through dependency refactoring and pipeline optimization, directly accelerating the team's CI/CD deployment velocity.
- Drove **code quality initiatives** — led refactoring efforts, triaged and resolved production bugs, and conducted peer code reviews while managing sprint deliverables via Jira.

PROJECTS

CryptoTradeX — AI-Powered Cryptocurrency Trading Platform

Linkedin ↗

React.js, Spring Boot, MySQL, JWT, Razorpay, Gemini AI, RAG

- Engineered a **full-stack trading platform** with real-time market data visualization, portfolio management, and secure transaction processing serving 500+ simulated concurrent users.
- Implemented **JWT + Two-Factor Authentication (2FA)** and integrated **Gemini AI with RAG pipeline** for context-aware market analysis and AI-driven trading recommendations.
- Built **Razorpay payment gateway** with webhook-driven payment confirmation and automated wallet crediting.

ChatFlow - Real Time Chat Application

Linkedin ↗

Spring Boot, WebSocket (STOMP), React.js, Redis, MySQL, JWT

- Built a **scalable messaging platform** with WebSocket (STOMP) for bidirectional real-time communication supporting concurrent chat rooms.
- Implemented **RBAC + JWT authentication**; used **Redis** for session caching and pub/sub, achieving **sub-100ms message delivery latency**.

Wellnessway - Hospital Management System

Linkedin ↗

Spring Boot, Hibernate ORM, React.js, MySQL, JUnit, Spring Security

- Developed an **enterprise-grade HMS** with modules for appointment scheduling, patient records, billing, and role-based staff management.
- Enforced **RBAC via Spring Security**; achieved **90%+ test coverage** with JUnit 5 and Mockito for regression safety.

EDUCATION

Sarvajanik College of Engineering & Technology

Surat, Gujarat

Bachelor of Technology in Information Technology

2022 – 2026

CGPA: 9.74 / 10