

Chirag Modi

Software Engineer II – Backend

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Profile Summary

Backend-focused Software Engineer with experience designing scalable, event-driven systems using Java and Spring Boot. Proven ability to drive cross-functional initiatives, optimize infrastructure costs, and lead development teams. Passionate about system reliability, automation, and data-driven solutions that improve operational efficiency and product quality.

Experience

CommerceIQ

Software Engineer II

Bengaluru, India

Oct 2024 – Present

- **Self-Serve Tool & Event-Driven Systems:** Led the design and rollout of a self-serve platform integrated with **Apache Kafka** for real-time data processing. Reduced on-call load by **70%** and cut ticket volume by two-thirds across teams.
- **In-house BI Platform (Cost Optimization Initiative):** Acted as both project manager and lead developer, driving the full lifecycle of an internal BI platform that replaced Looker—saving **\$20K/month (11% of GCP cost)**. Managed two developers, coordinated cross-functional teams, and delivered the final rollout and training.
- **Ops Automation:** Automated recurring manual operations, improving developer efficiency and reducing deployment overhead.
- **Jira Workflow Automation:** Built custom Jira automation rules, removing dependency on Jira Enterprise features and saving approximately **\$6K per month** across 550+ users.
- **Cross-Team Enablement:** Delivered modular, reusable systems adopted across multiple internal teams, improving collaboration and reducing onboarding overhead.

Software Engineer

May 2022 – Sept 2024

- **Anomaly Detection & Root Cause Identification:** Developed an automated Java-based system to detect client visibility drops across retailers by running analytical queries and flagging issues below defined thresholds. Identified root causes and generated actionable reports, reducing manual debugging by **75%** and contributing to onboarding of new clients.
- **Multi-Retailer Dashboards:** Enabled dynamic configuration for multiple retailers without UI redeployment, simplifying onboarding and accelerating market expansion.
- **Collaboration & Delivery:** Led six end-to-end projects, collaborating across teams to deliver maintainable, scalable systems improving product quality and customer satisfaction.

Quinbay Technologies

Software Engineer

Bengaluru, India

Jan 2020 – May 2022

- **Performance Optimization:** Improved site loading time from 11s to 6s via lazy loading, memoization, and static rendering, enhancing web performance.
- **Testing Excellence:** Migrated testing framework from Chai+Mocha to Jest, reducing test runtime by **40%** and improving reliability.
- **CMS Development Leadership:** Led a 4-member team to build a new CMS for business and tech users, introducing **Vue3** to the organization successfully.
- **Best Practices & Recognition:** Maintained high-quality, test-driven code; received the SPOT Award twice for outstanding delivery and initiative.

Projects

Blogs Site

Feb 2022

- Built a personal blog platform to explore **Next.js** fundamentals. Implemented featured and all-post sections to highlight trending articles.
- Tech Stack: **ReactJS, NextJS**
- Link: blogs-m.vercel.app

Portfolio Website

Aug 2021

- Created a personal portfolio showcasing skills, testimonials, and a downloadable resume to highlight professional work and achievements.
- Tech Stack: **HTML, CSS, JavaScript**
- Link: chiragmodi.vercel.app

Education

Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT)

Gandhinagar, India

Bachelor of Technology in Information and Communication Technology

Aug 2016 – May 2020

Technical Skills

Languages: Java, SQL, Python (Intermediate), C, C++

Frameworks & Libraries: Spring Boot, NodeJS, Jest

Architecture & Concepts: Microservices, Event-Driven Systems, RESTful APIs, CI/CD, Modular Design, System Design

Tools & Technologies: Apache Kafka, Apache Spark, Docker, Git, Google Cloud Platform (GCP), NPM, Yarn, VS Code, IntelliJ