

Dishang Mehta

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To be an integral part of an organization, adding value to it, playing a key part in its development while simultaneously making considerable efforts to improve my technical and soft skills for future requirements.

CORE SKILLS

- **Languages** : Java, SQL, HTML, CSS, JavaScript, Python
 - **Frameworks & Technologies** : Spring Boot, Spring MVC, RESTful APIs, Hibernate, JSP, JDBC
 - **Tools & Clouds** : Postman, CI/CD, Tortoise SVN, AWS, Docker, Git, Netlify, Vercel
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PROFESSIONAL EXPERIENCE

Tata Consultancy Services - eGujCop

System Engineer

Java, Spring Boot, RESTful APIs, SVN, MySQL

Nov 2023 – Sept 2025

Gandhinagar, India

- Developed and optimized over 15+ **RESTful APIs** using **Java** and **Spring Boot**, improving backend performance and responsiveness.
- Troubleshoot and resolved production-level issues, enhancing **application uptime**, **system stability**, and overall system reliability.
- Built reusable backend modules using **MVC architecture**, improving maintainability and reducing redundant code.
- Used **SVN** for version control, managing code changes and ensuring smooth collaboration within the team.
- Worked with **MySQL** databases to generate business reports, supporting operational and analytical needs.

Freelance Software Developer - Patient Management System

Java Developer

Spring Boot, React.js, Spring Security, Google OAuth2, Docker, GitHub Actions, Render, Cloudinary

Oct 2025 – Dec 2025

Remote

- Built **secure, stateless authentication and authorization** using **Spring Security**, **Google OAuth2** via Google Cloud Platform (GCP) APIs, and **JWT**, enabling seamless login with Google accounts and **scalable session management**.
- Implemented **CRUD operations** for patient profiles and follow-up sessions, with image upload and retrieval through **Cloudinary**.
- Deployed the **React.js frontend** as a static site on Render and **Spring Boot backend** as a containerized web service, using Docker by setting up a Continuous Integration/Continuous Delivery (CI/CD) pipeline using GitHub actions to automate deployment workflow on Render using webhooks.
- Engaged directly with client to gather requirements, served as **sole developer** - responsible for end-to-end architecture, development, deployment, and automation ensuring timely project delivery.

PERSONAL PROECTS

● Sixth sense – Hand Gesture Interaction Suite

Built a real-time hand gesture control system with modules for virtual painting, keyboard typing, cursor control, and other gesture-based utilities using Python, MediaPipe, and OpenCV.

● American Sign Language (ASL) Classifier

Developed a custom-trained, real-time ASL alphabet recognition system using Python, Teachable Machine, and OpenCV with live confidence score feedback.

● Parking Management System

Designed a real-time parking slot detection algorithm to count vacant slots from live camera feeds implemented using OpenCV contour detection and region feedback.

EDUCATION

St. Xavier's Autonomous College

Master of Science in Big Data Analytics

Jul 2021 - Jun 2023

7.77

St. Xavier's Autonomous College, Ahmedabad, India

Bachelor of Science in Mathematics

Jun 2018 - Apr 2021

6.99