

# 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

## 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.
- Troubled 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

Oct 2025 – Dec 2025

Java Developer

Remote

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

- 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 PROJECTS

### 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

Jul 2021 - Jun 2023

Master of Science in Big Data Analytics

7.77

### St. Xavier's Autonomous College, Ahmedabad, India

Jun 2018 - Apr 2021

Bachelor of Science in Mathematics

6.99