Mehul Bokade

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SUMMARY

Innovative **Full-Stack Developer** with hands-on experience designing, developing, and deploying scalable web applications. Proficient in **React.js, Next.js, Django,** and **Flask**, with a proven track record of implementing full-stack web systems—such as **Railway Project Management, Smart City Monitoring,** and **Number Plate Detection**—that enhance operational efficiency and strategic decision-making. Adept at collaborating with cross-functional teams to drive **business growth** and **technological innovation**. .

EXPERIENCE

Full-Stack Developer   May 2025 – Present

Saltriver Infosystems Pvt Ltd   *Ahmedabad, Gujarat*

- **Railway Project & Drawing Management System:** Developed and deployed a comprehensive management system using Flask and SQLAlchemy with secure authentication, L1–L3 approval workflows, audit history, and automated PDF versioning and tracking.
- **Smart City Monitoring System :** Built a monitoring system with a Next.js frontend and Django REST API backend, integrating YOLO-based object detection to identify garbage, animals, road cracks, and urban hazards in real time.
- **Automation & Integration:** Created Python automation scripts for email workflows, data import, and file downloading to improve operational efficiency, and developed automatic number plate detection with zoom-in effect using computer vision techniques.

TECHNICAL SKILLS

Languages: Python, JavaScript, SQL, PHP
Frameworks: React.js, Next.js, Flask, Django, FastAPI, Laravel
Developer Tools: Git, GitHub, REST API
Database: MySQL, PostgreSQL

PROJECTS

Society Management System (SMS) | *Django, JavaScript, MySQL*

- Developed a full-stack system to manage residents, maintenance, fees, and visitors with secure authentication and role-based access.
- Implemented role-based authentication for admins, residents, and staff with granular permission controls.
- Generated automated notifications and financial reports for transparent society operations, improving efficiency by 60%.
- Designed and integrated a visitor management module with real-time entry logs and automated gate pass generation.
- Built a dashboard with data visualization for tracking outstanding payments and occupancy statistics across units.

FlavorFiesta – Restaurant Management System | *JavaScript, Python (Django)*

- Developed a full-stack restaurant platform using Django and JavaScript with dynamic menu management and order processing.
- Implemented admin dashboard with inventory tracking, sales analytics, and real-time order management, reducing processing time by 45%.

Relevance - Ecommerce Site | *Laravel, JavaScript, PHP, MySQL*

- Developed a Laravel-based web application with user registration and authentication.
- Implemented core pages including Home, About, Services, and Contact with responsive design.

EDUCATION

RB Institute of Management Studies   **Ahmedabad, Gujarat**

Master of Computer Applications (MCA), Pursuing

P.D. Pandya Institution   **Ahmedabad, Gujarat**

Bachelor of Computer Applications (BCA)
Aug. 2022 – May 2025