

Mehul Makwana

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Rajkot, Gujarat - 360005, India

OBJECTIVE

MCA graduate with hands-on experience in backend development using Node.js, Express.js, and MongoDB. Skilled in building scalable RESTful APIs, real-time applications using Socket.IO, and deploying with Docker and cloud services like AWS and Digital Ocean. Looking for a back-end developer role where I can contribute to dynamic projects, grow with a passionate team, and solve real-world problems with clean and efficient code.

EXPERIENCE

- Backend Intern** Dec 2024 – Present
IMBUESOFT LLP
 - Developed scalable RESTful APIs using Node.js and Express for real-time systems.
 - Implemented Socket.IO to enable real-time communication for front-end integration.
 - Integrated JWT-based authentication and Docker-based microservices.
 - Contributed to a Face Attendance System using Python and InsightFace with multi-camera support and real-time database logging.
- Freelance Web Developer** 2023 – Present
Self-employed
 - Delivered a dynamic portfolio app with admin panel, file uploads, and deployment via Docker and Nginx. [\[Live\]](#)
 - Developing a school website using the MERN stack with login access and CMS features. [\[Demo\]](#)

PROJECTS

- Face Recognition Attendance System** 2025
Technologies: [Python, InsightFace, Milvus, Tkinter, Docker]
 - Developed an embedding-based face recognition system with a multi-threaded architecture.
 - Used InsightFace for accurate facial feature extraction and Milvus for vector similarity search.
 - Built a user interface in Tkinter and containerized the app with Docker for seamless deployment.
- Dynamic Portfolio App** 2024
Technologies: Node.js, Express, MongoDB, EJS, Docker <http://designeranil.com>
 - Built a responsive full-stack portfolio site with admin panel and authentication.
 - Integrated file uploads, email via Nodemailer, and MongoDB Atlas for storage.
 - Deployed using Docker on DigitalOcean with Nginx and session handling.

EDUCATION

- Atmiya University** 2023 - 2025
Master of Computer Application[MCA] Rajkot, India
 - CGPA: 8.12
- T.N.Rao College** 2020-2023
Bachelor of Computer Application[BCA] Rajkot, India
 - CGPA: 7.50

SKILLS

- Programming Languages:** JavaScript, Python, HTML, CSS, PHP, MySQL, MongoDB, Milvus
- Frameworks / Libraries:** Node.js, Express.js, React.js, ASP.NET MVC, Bootstrap,
- AI / ML Tools:** InsightFace, LLMs, Pandas, NumPy, Matplotlib
- Tools / APIs:** Git, GitHub, Postman, Docker, Vercel, Render
- Cloud Platforms:** AWS, DigitalOcean
- Operating Systems:** Windows, Linux, Raspberry Pi OS

AWARDS AND CERTIFICATIONS

- Internet of Things Foundation Series - AWS Training and Certification
- CodeCarnival Open Hackathon — Google Developer Student Club
- 4th Rank – Hackathon — Atmiya University
- Cloud Fundamentals — Great Learning
- Hack the Mountains 5.0 - Marwadi University
- Data Analytics — LinkedIn Learning
- Poster Presentation (2nd Rank) — Atmiya University