Mehul Makwana

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Rajkot, Gujarat - 360005, India

OBJECTIVE

MCA graduate with strong hands-on experience in backend development using Node.js, Express.js, and MongoDB. Skilled in building scalable REST APIs, integrating real-time communication with Socket.IO, and deploying applications using Docker and cloud platforms like AWS. Passionate about developing full-stack web applications with the MERN stack and contributing to dynamic, growth-oriented development teams.

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

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: [ASP.NET MVC, MS SQL, HTML/CSS/JS]   [Live]
  ◦ Created a full-stack portfolio app with an admin panel, login system, and CRUD functionality.
  ◦ Implemented server-side rendering and database integration with MS SQL.

- **[Real-Time Chat Application]**   2024
  Technologies: [Node.js, Express, Socket.IO]   [Live]
  ◦ Built a real-time chat platform with live user communication and public rooms.
  ◦ Utilized Socket.IO for efficient bi-directional communication.

SKILLS

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

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.

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**