DEVESH MOKHARIYA

deveshmokhariya@gmail.com | +917015157166 | linkedin.com/in/devesh-mokhariya-91bbb6281| github.com/deveshmokhariya

Computer Science Engineering undergraduate with hands-on experience in Python, Java, and MERN stack development. Built real-world projects in computer vision, full-stack web applications, and automation systems. Skilled in RESTful APIs, database design, OpenCV, and React.js, with strong problem-solving and teamwork abilities.

SKILLS

Programming Languages: Java, Python, C++

Web Technologies: HTML, CSS, JavaScript

Databases: MongoDB, SQL

Tools & Platforms: GitHub, AWS, MATLAB

Core Concepts: Data Structures, OOP

EDUCATION

Degree: Bachelor of Technology in Computer Science and Engineering)   **Aug 2023 - Present**
VIT Bhopal University, Bhopal MP
Co-curricular activities
- College Basketball Team – Team Member

High School   **Apr 2011 - Apr 2022**
Bal Bharati Public School, Manesar HR
Co-curricular activities
- Sports Prefect (2018 - 2019)
- Captain, School Basketball Team – State-Level Qualification (Haryana, 2018)
- Multi-Medalist, National Karate Championship (2012-2015)

TECHNICAL PROJECTS

Automated Parking System With License Plate Recognition   **Aug 2024 - Dec 2024**
Tech. Stack: **Python, OpenCV, Tkinter, OCR (Tesseract), Twilio API**
- Developed an automated parking solution using **computer vision and OCR** for license plate recognition.
- Implemented vehicle entry and exit logging with **real-time timestamping and fare calculation**.
- Integrated **QR-based UPI payment** and automated SMS notifications for receipts.
- Improved parking workflow efficiency by **reducing manual intervention by ~40%.**

Face Recognition-Based Attendance Management System   **Apr 2025 - May 2025**
Tech. Stack: **Python, OpenCV, Tkinter**
- Designed an attendance system using **face detection and recognition algorithms**.
- Implemented real-time face recognition for accurate attendance marking.
- Developed a GUI for attendance management and automated report generation.
- Reduced proxy attendance and manual record errors also **achieved ~87% face recognition accuracy**.

School Management System   **Jun 2025 - Aug 2025**
Tech. Stack: **MERN Stack (MongoDB, Express.js, React.js, Node.js)**
- Developed a full-stack web application for **student, teacher, attendance, timetable, and marks management**.
- Designed and implemented RESTful APIs using **Node.js and Express.js**.
- Created responsive frontend components using **React.js**.
- Ensured secure data storage and efficient retrieval using **MongoDB**.

ORGANIZATIONAL & VOLUNTEER EXPERIENCE

Member, College Basketball Team
Part of the college basketball team; represented the college in inter-college competitions and   **Nov 2023 – Oct2025**
demonstrated teamwork, coordination and discipline.

CERTIFICATIONS

- Introduction to Machine Learning – NPTEL
- IT Support Certificate – Google
- The Bits and Bytes of Computer Networking – Google
- MERN Full Stack Certification Program – Codemithra (ETHNUS)
- AI & ML Internship – AICTE & IBM SkillsBuild (Edunet Foundation)
- Remote Sensing & GIS for Environmental Studies – ISRO (IIRS, Dehradun)
- Microsoft Azure AI Internship – Microsoft & AICTE (Edunet Foundation)

- MATLAB Onramp – MathWorks
- AWS Cloud Practitioner Essentials – Intellipaat Academy

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