DEVESH MOKHARIYA

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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
   - Member, E-Cell – Social Media Management
   - 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, Entrepreneurship Cell (E-Cell)   **Apr 2024 – May2025**
Managed social media platforms for event promotion and engagement.

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

CERTIFICATIONS

   - Introduction to Machine Learning – NPTEL
   - 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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