

Kiran S Poojary

Master of Computer Applications

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SUMMARY

Highly motivated MCA student with a strong foundation in computer science and hands-on experience in AI, UI/UX design, web development, and computer vision. Currently conducting research and development on AI-powered AR-based Real-time Wound Detection System, alongside creating innovative web applications. Experienced in national-level hackathons and internships, demonstrating strong problem-solving skills, adaptability, and teamwork. Passionate about delivering user-focused, technology-driven solutions.

EXPERIENCE

AI-Powered Web Developer Intern

Nov '24 — Feb '25

Kakunje Software Private Limited

Mangaluru, India

- Designed and developed AI-integrated web applications with frontend (HTML, CSS, JavaScript, Bootstrap) and backend (PHP, Python, MySQL) technologies.
- Integrated YOLOv8 for vehicle detection and EasyOCR for number plate recognition, enabling real-time AI functionality.
- Implemented data processing workflows using OpenCV and Flask, and created role-based dashboards for Admin, User, and Supervisor.
- Performed testing, debugging, optimization, and documented the complete project flow, architecture, and deployment process.

EDUCATION

MCA in Computer Applications, Mangalore Institute of Technology & Engineering

2024 — Present

Moodbidri, India

BCA in Computer Applications, Sri Mahaveera College

2020 — 2023

Moodbidri, India

CERTIFICATIONS

User-centric Computing For Human Computer Interaction, IIT Guwahati

JOB SIMULATIONS

Product Design

Accenture North America

Digital Design & UX

British Petroleum

PROJECTS

AI-Based Smart Parking System

- The Smart Parking System is a web-based application integrated with Artificial Intelligence to automate vehicle entry, parking slot allocation, and real-time monitoring. It uses YOLOv8 for vehicle detection and EasyOCR for license plate recognition, enabling accurate and efficient identification of vehicles. The system is built with HTML, CSS, JavaScript, and Bootstrap for the frontend, PHP and MySQL for the backend, and Python with OpenCV and Flask for AI integration. It features separate dashboards for Admin, User, and Supervisor roles, allowing slot booking, occupancy tracking, and secure access control. This solution reduces manual work, minimizes errors, and enhances parking security in environments like malls, offices, and hospitals.

SmartSheduler

- SmartScheduler is a web-based subject allocation system designed to streamline the process of assigning subjects to faculty members in educational institutions. The system automates workload distribution based on predefined criteria such as faculty expertise, subject availability, and timetable constraints. It is built using HTML, CSS, JavaScript, and Bootstrap for the frontend, with PHP and MySQL handling backend logic and database management. SmartScheduler provides role-based access for administrators and faculty, ensuring secure data handling and efficient allocation. This solution reduces manual errors, saves time, and enhances transparency in academic scheduling.

SKILLS

Technical Skills Python, Flask, SQL, OpenCV, PHP, Figma, Machine Learning, HTML, MS Office 365

Soft Skills Multitasking, Teamwork, Time Management, Self-learning, Adaptability

ACHIEVEMENTS

Participated in SAP Hackfest'24

Participated in SmartIndia Hackfest'24

Participated in VisionTech Hackathon'24