
EDUCATION

KLS Gogte Institute of Technology, Belagavi

FEB 2024 - NOV 2025

Master of Computer Applications (MCA)

Govindram Seksaria Science College, Belagavi

OCT 2020 - NOV 2023

Bachelor of Science, Computer Science

SKILLS SUMMARY

- **Languages:** C, Python, Java
- **Frameworks & Libraries:** MERN Stack (React.js, Node.js, Express.js, MongoDB), OpenCV, PyTorch, MediaPipe, scikit-learn
- **Databases:** MongoDB, SQLite, MySQL
- **Web Development:** HTML5, CSS3, RESTful APIs, JWT Authentication
- **Tools:** VS Code, Postman, Git, GitHub
- **Operating Systems:** Windows, Linux
- **Soft Skills:** Communication, Teamwork, Adaptability, Continuous Learning, Time Management, Problem Solving.

WORK EXPERIENCE

TRAINEE SOFTWARE DEVELOPER INTERN

MAY 25 – JULY 25

- Developed real-time Face Detection & Recognition using MediaPipe and ArcFace embeddings, enabling accurate identity tracking in surveillance systems.
- Designed and implemented Attribute Extraction using MediaPipe cloth segmentation, allowing re-identification through clothing and accessories across different camera feeds.
- Integrated OpenCV, PyTorch, NumPy, and SQLite for efficient video processing, recognition workflows, and structured database logging.
- Optimized the system for CPU-only environments, ensuring high performance even on low-resource hardware setups.
- Contributed to modular software development and scalable video analytics for surveillance system.

PROJECTS

Catering Management System

JAN 26 – MAR 26

- Developed a full-stack catering management system for managing events, expenses, and employee salaries.
- Implemented REST APIs with Node.js and Express with JWT authentication and role-based access.
- Built a responsive React dashboard for financial summaries and report generation.
- Designed MongoDB schemas for efficient storage and retrieval of event and expense data.

EduRAG – Full-Stack RAG Chatbot | [LINK](#)

SEP 25 – OCT 25

- Built a full-stack RAG chatbot using React for the UI and FastAPI for the backend.
- Implemented PDF ingestion, text chunking, embeddings, and FAISS vector search.
- Integrated Groq and Hugging Face LLMs for accurate, citation-backed responses.
- Added WebSocket real-time chat, file management, and a modern drag-and-drop upload interface.
- Optimized the RAG pipeline with efficient preprocessing, caching, and error handling

QR Code Attendance Management System | [LINK](#)

APRIL 25 – JUNE 25

- Developed a secure and real-time attendance system using React.js, Node.js, Express.js, MongoDB, and JWT authentication.
- Integrated advanced security features including biometric verification (WebAuthn), location-based GPS tracking, and time limited QR codes to enhance fraud prevention.
- Designed RESTful APIs with error handling, input validation, and optimized MongoDB schema for concurrent attendance processing.
- Deployed the system on Vercel and Render, supporting over 1000 users with fast response times and high reliability.

WORKSHOPS & HACKATHONS

- 5-Day Hands-on Workshop on Web Security and Bug Bounty – MCA Dept., KLS GIT **Sep-2024**
- 24-Hour Hackathon on Cyber Security and Blockchain – Feb 2024, MCA Dept., KLS GIT **Feb-2024**
- Participant, IEEE CEDA IDEA THON 2025 (VTU Belagavi & IEEE CEDA Bangalore Chapter) **Aug-2025**