

GOPAL MURI

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PROFILE

Motivated and detail-oriented Computer Science Engineering student with a strong foundation in Java, Data Structures, and Web Technologies. Passionate about building real-world software solutions, contributing to innovative projects, and continuously improving through hands-on learning and collaboration.

EDUCATION

Bachelor of Engineering in Computer Science	Dec 2022 – Apr 2026 (Expected)
KLS Vishwanathrao Deshpande Institute of Technology	Haliyal, Karnataka
CGPA: 9.00	
Vishweshwaraya SC PU College	Aug 2020 – Apr 2022
PCMB: 90.66%	Dharwad, Karnataka
Government High School	May 2019 – Jun 2020
SSLC: 92.16%	Betageri, Karnataka

TECHNICAL SKILLS

Programming Skills: Java, Python, Object-oriented programming, Data Structures and Algorithms

Frameworks and Tools: Django, HTML5, CSS3 and Bootstrap, Visual Studio Code, Git, GitHub

Databases: SQL (MySQL, Oracle), MongoDB (Mongo Shell, MongoDB Compass)

PROJECTS

A Real-Time System for Crowd Analytics [GitHub] - <i>Python/ Flask / OpenCV / MobileNetSSD / Caffe DNN</i> Jul 2025	
• Developed a real-time AI-powered crowd monitoring system using OpenCV and MobileNetSSD for person detection, tracking, crowd density estimation, and gender classification from live video feeds.	
• Integrated a Flask-based dashboard for real-time visualization with gender-targeted advertising, alerts, and analytics, enabling automated public safety management and smart ad deployment.	
AI Document Assistant (RAG) [GitHub] - <i>Python/Django/ChromaDB/MySQL /SentenceTransformers</i> Nov 2025	
• Developed a Django-based RAG PDF Q&A app with text extraction/chunking, 384-dim embeddings ChromaDB vector storage, and TF-IDF + cosine re-ranking to deliver citation-grounded answers.	
• Implemented PDF.js chat interface with low-latency in-memory caching, MySQL authentication, and a startup pipeline pre-loading server PDFs.	
15-Puzzle Game [GitHub] - <i>Java</i>	Dec 2023
• Developed a console-based 15-puzzle game using arrays in Java. Implemented logic for shuffling tiles, validating moves, and checking win conditions, enhancing problem-solving skills and grasp of array-based data structures.	

CERTIFICATIONS

• Python Full Stack Virtual Internship- Certificate	• Infosys UI Developer Program - Certificate
• Avinya-2024 (Hackathon) - Certificate	• Hackfusion - 2K25 (Hackathon) - Certificate
• Microsoft Azure AI Fundamentals - Certificate	• ThirdEye Data Learning Path Program - Certificate

ACHIEVEMENTS

Top 1 Performer – ThirdEye Data Learning Path Program	Aug 2025
Hackfusion - 2K25 (National Hackathon)	Apr 2025
TCS Tech Bytes (Quiz Competition)	Feb 2025
Avinya College Hackathon	Jul 2024
National Science Day	Feb 2023

INTERESTS

Web Development • Problem Solving • Competitive Coding • Fitness