

# 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 [\[GitHub↗\]](#) – Python/ Flask / OpenCV / MobileNetSSD / Caffe DNN 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) [\[GitHub↗\]](#) - Python/Django/ChromaDB/MySQL /SentenceTransformers 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 [\[GitHub↗\]](#) - Java

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