

# SHIVA GOLUGULA

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Phone: +91 9480202621

3RD YEAR, B,TECH COMPUTER SCIENCE AND ENGINEERING AT  
PES UNIVERSITY, BANGALORE

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## EXPERIENCE

**SOFTWARE INTERN, INNOCTIVE TECHNOLOGIES**  
(JULY 2023 - AUGUST 2023)

Worked as a Frontend Developer contributing to the development of some modules in CargoFL Transport Management Software.

**SUMMER INTERN, CENTRE FOR COGNITIVE COMPUTING AND COMPUTATIONAL INTELLIGENCE(C3I), PES UNIVERSITY**  
(MAY 27 - JULY 31)

Worked as a summer intern at the Centre for Cognitive Computing and Computational Intelligence(C3I), PES UNIVERSITY.  
Dealt with Graph Neural Networks during this summer internship.

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## EDUCATION

**B TECH CSE, PES UNIVERSITY EC CAMPUS**  
2022- Present | 8.67\* CGPA

DISTINCTION AWARD CERTIFICATE AND SCHOLARSHIP IN SEM I & II  
MRD AWARD CERTIFICATE AND SCHOLARSHIP IN SEM III

**GEETANJALI OLYMPIAD SCHOOL**  
2020- 2022 | GRADE XII CBSE - 82%

**NEW HORIZON PUBLIC SCHOOL**  
2007- 2020 | GRADE X ICSE - 94.8%

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## CERTIFICATIONS/COURSES

**COMPUTER VISION AND INTRODUCTION TO NEURAL NETWORKS**

Certificate of Achievement under [PESU I/O](#). Learnt the fundamentals of Computer Vision and Computational Neural Networks and their applications.

**Projects: Face Filters, Number detection.**

**Final Project: Vegetable Detection Model.**

**RAGS TO RICH AIS WITH LLM AGENTS (ONGOING)**

Currently taking a course on LLMs and RAG under [PESU I/O](#). Learning the fundamentals of LLMs, Agents, RAG, Agentic RAG, GraphRAG

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## SKILLS

### LANGUAGES

Proficient in Python and C.  
Familiar with Java, SQL and GO.

### TOOLS

Git, Figma, Postman, NS-3, Neo4j

### FULL STACK WEB DEVELOPMENT

### COMPUTER VISION TECHNIQUES

### GENERATIVE AI, LLMS, RAG

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## PROJECTS

### ALIENWEAR

AlienWear an AI-powered fashion e-commerce platform that leverages vector search to provide semantic search capabilities. Users can use natural language to get search results, enhancing the overall user experience and making product discovery more intuitive.

### GESTURE/SPEECH BASED FAN REGULATION

Worked on a IoT application that regulates the speed of a fan by either speech or hand gestures.

### PRABANDHAN - STREAMLINED INVENTORY MANAGEMENT WITH VOICE COMMANDS AND ADVANCED IMAGE DETECTION FOR SELLERS

Presented a functional prototype in **Stage-2** of **BHASHINI SPRINT** conducted by **Digital India Bhashini Division (DIBD)**.  
Developed a mobile app facilitating inventory management in users' native language.  
**Team Name: ONETEAM**

## ACHIEVEMENTS

### CTF HACKATHON BY PESU - ISFCR

Won the '**CHAIRPERSON AWARD**' in the **CTF Hackathon** held at PES UNIVERSITY - ELECTRONIC CITY CAMPUS on 2nd September 2023.

### HONORABLE MENTION - INGENIUS - 2024

Our Project ALIENWEAR was called out as an Honorable Mention in this hackathon held in PES UNIVERSITY - ELECTRONIC CITY CAMPUS

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