

# Ansu M George

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## Education

### VIT Bhopal University

BTech

Major in Computer Science; Minors in Cloud Computing

Cumulative GPA: 8.32/10

Bhopal, Madhya Pradesh

Oct 2022 - ongoing

### 12<sup>th</sup> Standard

### MD Seminary Higher Secondary School

State Board of Secondary Education

Kottayam, Kerala

Mar 2022

### 10<sup>th</sup> Standard

### Holy Cross Vidya Sadan

Central Board of Secondary Education

Kottayam, Kerala

Mar 2020

## Academic Projects

### Self-Checkout Counters using Flask & MongoDB

Aug 2023 - Oct 2023

- Spearheaded the implementation of a low-cost self-checkout counter using MongoDB & Flask, improving customer experience and transaction efficiency.

### Empowering Geriatric Wellness - Health Care Portal

Feb 2024 - May 2024

- Created an elderly care website with **PHP-integrated services** for pharmacy delivery, emergency support, GPS tracking, and messaging.

### Attendance Management System using Face Recognition

Nov 2024 - Dec 2024

- Built a real-time attendance tracking system using **Python, OpenCV, and Tkinter**, integrating face recognition for automated marking & preventing duplicate entries.

### Threat Detection in Crowded Environments using ML and Computer Vision

July 2024 - Ongoing

- Building an AI-based threat detection system using **ML, Video Analytics & IoT sensors** for real-time monitoring and security alerts.

## Experiences & Achievements

### AICTE Virtual Internship:

### Edunet Foundation | SkillsBuild Program – AI Applications Training

Nov 2024 - Dec 2024

- Successfully completed a 6-week virtual internship focused on AI applications, machine learning, and model evaluation, with hands-on experience in AI-driven business optimization projects.

### TechSaksham by Microsoft & SAP – AI-Driven Transformative Learning Internship

Nov 2024 - Dec 2024

- Successfully engaged in an AI-driven learning initiative, gaining practical experience in AI model development and application, with a focus on enhancing business processes and decision-making.

### Publications:

**IEEE Certification:** Co-authored a paper titled "*Machine Learning-Based Threat Detection in Crowded Environments*," presented at the IEEE International Conference on Smart Technologies for Sustainable Development Goals (ICSTSDG), S.A. Engineering College, Chennai.

## Extracurricular

### Cloud Zone Club

#### Core member

Feb 2024 - present

- Serve as a core member of the Cloud Zone Club, organizing workshops and facilitating learning sessions on major cloud platforms. Actively engage in promoting cloud technologies and fostering industry connections.

#### Volunteer

Feb 2024 - Mar 2024

- Contributed to Nature & trekking Club for technology-related initiatives and projects within the club.

### Malayalam club

Committee member

VIT Bhopal

Sep 2022 – present

- Coordinating events & cultural programs promoting Malayalam language & heritage..

## Additional

**Technical Skills:** Java, Python, C++, MongoDB, Html, CSS & Javascript

**Languages:** Fluent in English, Malayalam, Hindi; Conversational Proficiency in Tamil

**Certifications & Training:** Python Programming (Vityarthi), Introduction to AI & ML (Vityarthi), Html, CSS & Javascript (Coursera), Web Development Bootcamp (Udemy)