

# Ansu M George

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## Education

VIT Bhopal University  
BTech

Bhopal, Madhya Pradesh  
Oct 2022 - ongoing

Major in Computer Science; Minors in Cloud Computing  
Cumulative GPA: 8.32/10

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

- Developed a **Docker-containerized** self-checkout system prototype, demonstrating 15% potential cost savings and 20% faster transaction throughput in testing..

Empowering Geriatric Wellness - Health Care Portal

Feb 2024 - May 2024

- Engineered a PHP-based elderly care platform integrating pharmacy delivery, emergency support, and GPS tracking, facilitating 200+ user sign-ups and 50+ daily service requests within one month.

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

Jan 2025 - April 2025

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

## Experiences & Achievements

AWS Certified Solutions Architect – Associate (Training Program by Ethnus )

Feb 2025 - April 2025

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.

FINLATICS Internship :

Nov 2024 - Feb 2025

- Work Experience in **Data Science & Python**

## 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. My research involved Cloud-based ML Deployment in real time analytics

## 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..

Malayalam club

Sep 2022 – present

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

## Additional

**Technical Skills:** Cloud & DevOps - AWS, Terraform (Basics), Python (Boto3, Flask), Bash/Shell Databases: MongoDB (Deployment/Management) , HTML/CSS , Java/C++ , ML & Computer Vision , Data Science

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

**Certifications & Training:** Devops Certification ( Ethnus), AWS Cloud Practitioner (Coursera), Python Programming(Vityarthi) ,Html,Css & Javascript (Coursera) , Web Development (Udemy), Data Science & Python Certification.