

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

12th Standard

MD Seminary Higher Secondary School
State Board of Secondary Education

Kottayam, Kerala
Mar 2022

10th 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

- Conceptualized and deployed a self-checkout kiosk using MongoDB and Flask, slashing operational costs by 15% due to reduced staffing needs and increased transaction throughput by 20%.

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

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.

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

Feb 2025 - April 2025

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.

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.

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, Data Science, Numpy, Flask, AWS

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

Certifications & Training: Data Science & Python certification, Matplotlib Course Certification, Devops Certification (Ethnus), Python Programming(Vityarthi), Introduction to AI & ML (Vityarthi), Html,Css & Javascript (Coursera), Web Development Bootcamp (Udemy), AWS Cloud Practitioner (Coursera)