Ansu M George

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Education

VIT Bhopal University   Bhopal, Madhya Pradesh
BTech   Oct 2022 - ongoing
Major in Computer Science; Minors in Cloud Computing
Cumulative GPA: 8.45/10

12th Standard
MD Seminary Higher Secondary School   Kottayam, Kerala
State Board of Secondary Education   Mar 2022
10th Standard
Holy Cross Vidya Sadan   Kottayam, Kerala
Central Board of Secondary Education   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.