Hanish Vadlamudi

 mistahanish | Hanish Vadlamudi | me@hanishv.com | +01.312.799.0814

A passionate Information Science student eager to tackle challenges in software engineering, ML, and data analysis. Driven to create innovative technology with a positive impact on the world. Interested in Quantum Computing.

EDUCATION

University of Maryland - College Park (Graduating May 2026)

- **Major:** Information Science
- **Minor:** Data Science
- **Relevant coursework completed as of 2024:** Object Oriented Programming, Computer Architecture, Databases, Statistics, Discrete Math, and Calculus
- **Clubs:** Undergraduate Quantum Association, UMD Badminton, UMD Club Climbing

Certifications

- Certified **AWS Cloud Practioner**
- Currently Seeking **OCI Generative AI Professional Certification**

PROFESSIONAL EXPERIENCE

Somy Technologies *SWE Intern* June 2024 - Aug 2024

– Developed a secure document storage backend in Python using **FastAPI, PostgreSQL, and JWT** authentication.
– Integrated **AWS** services (S3, SQS, EC2) for storage, messaging, and hosting.
– Automated **CI/CD** pipelines using GitHub Actions for seamless deployments.
– Conducted rigorous testing and debugging using APIs and Postman, ensuring reliable and efficient application performance.

TECHNICAL SKILLS

Skills   Java, C, JavaScript, Python, R, PostgreSQL, AWS, HTML, CSS, Jupyter Notebook, Git
Tools   Eclipse, VS Code, Github, Postman, pgAdmin

PROJECTS

Altus

– Developing **Python**-based application that estimates body fat percentage from user photos using advanced image analysis with **LLaMA** and machine learning models.
– Utilizes **large language models** for enhanced user interactions and personalized fitness advice.
– Incorporates Python libraries like **OpenCV, TensorFlow/PyTorch, and NumPy/Pandas,** with a focus on data privacy and secure data handling.

Poker Flip

– Developed a poker flip game using **React**, driven by a passion for statistics and card games.
– Implemented game logic to simulate poker outcomes.
– Utilized **JavaScript** and **CSS** for responsive design, custom animations, and enhanced user experience.

Cash Claw

– Developed a financial literacy app using **React**, **TypeScript**, and **Tailwind CSS**, designed to educate users on the benefits of credit cards.
– Implemented a claw game mechanic where users receive a credit card referral with a sign-up bonus, encouraging smart financial decisions.