Andrew Jerry V

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Motivated and passionate second-year Computer Science student with hands-on programming experience beyond university coursework and a strong ability to adapt to new coding languages as required. Eager to leverage knowledge gained from academic studies and personal projects to tackle real-world challenges.

Skills

Languages: Python • C • Java • SQL
Familiar with: Data Structures • Algorithms • HTML • CSS
Technologies & Tools: ReactJS • Git, GitHub • Pandas • Linux
Soft Skills: Team Collaboration • Time Management • Adaptability

Professional Development

Agile Project Management Dashboard Project Intern • Infosys Springboard • Online   *November 2024 - December 2024*
- Analyzed problems and worked with teams to develop solutions.
- **Collaborated with a team of 15 members**, contributing to the successful delivery of **all project milestones on schedule**.
- Led daily stand-up meetings **(15 minutes)** to ensure project progress was tracked and issues were identified and resolved quickly.
- Developed a **Flask** based dashboard that provided stakeholders with real-time updates on project progress.
- Used **SQLite3** with **python** to access the database containing **8 tables**.

Education

APJ Abdul Kalam Technological University, Kerala   *Expected Graduation: June 2027*
B.Tech in Computer Science Engineering (2nd Year)
CGPA: **9.88**

Projects

Digit Recognition Model - Python
- Developed a **Python**-based Digit Recognition Model with a GUI, utilizing **TensorFlow**, **scikit-learn**, and **Streamlit**, achieving an accuracy of **91%**.

EmpathAI - Python, Google Gemini API
- Created an **AI-powered therapy assistant** for students as part of the **Gen AI Exchange Hackathon by Google**, leveraging the **Google Gemini API** for generating empathetic and context-aware responses.
- Integrated a **sentiment analysis model** to adapt interactions based on user emotions and enhance mental health support.
- Demo link: https://www.youtube.com/watch?v=VC4u1-ygn4w

Story Weaver - Python, Google Gemini API
- Developed a **collaborative storytelling platform** for the **Gemini API Developer Competition**, utilizing the **Google Gemini API** to enable real-time user interactions and dynamic story creation.
- Demo link: https://www.youtube.com/watch?v=k2FEq_RyGnA

Certifications

- Young Python Professional - Infosys Springboard
- 80% in Introduction to Programming in C - NPTEL Course
- Prompt Engineering - Vanderbilt University (Coursera)