Austin Chiwambo
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Professional Summary

Full-stack Developer with hands-on experience in React.js, Node.js, and Python. Skilled in creating responsive web applications and integrating AI features such as GANs. Adaptable team player with experience in hackathons, backend development, and UI design. Passionate about building full-stack projects with clean, maintainable code.

Education

BSc Computer Science
Richmond, The American International University in London (2023-2026)

Relevant Coursework: Web Development, Systems Architecture, AI (GANs, Binary Classification), Python with Kivy, Systems Analysis and design

Experience

Hackathon Participant— Microsoft, London

- Developed an AI tool to assist teachers in creating personalized lesson plans for neurodiverse students
- Built login/authentication UI with HTML, CSS, and JS for student/teacher dashboards
- Helped secure 2nd place; judges highlighted the impact of the functional frontend demo

Hackathon Participant— Microsoft, London

- Built a coding education tool for kids with a Microsoft Azure based Python-based AI chatbot integrated into a UI
- Developed frontend with HTML/CSS/JS and Flask; used GitHub for team collaboration
- Contributed to team placing 2nd due to strong user experience in the demo

Projects

AI Artwork Generator (May 2025)

- Developed a full-stack application using react.js (frontend) and flask/python (backend) to integrate an AI image generator trained on famous artwork
- Designed and trained a custom GAN using Pytorch to create 64x64 color artwork from the dataset
- Optimized the model performance with data pre-processing, normalization and epoch tuning for better quality images
- Enabled users to generate and download images via the buttons on the frontend

Disney+ Clone (Jan 2025 - Mar 2025)

- Developed UI with React and Tailwind; fetched data from movie APIs
- Created an interactive trending carousel to display new releases in addition to
- Implemented a genre-based search & filter to search movies on the site provided by the API

Full Stack Chat App (Jul 2024)

- Built a React + Node.js chat platform with ChatEngine API for real-time messaging
- Features include account creation, login persistence, and chat history handling

Technical Skills

JavaScript, Python, HTML, CSS, Java, React.js, Node.js, Flask, PyTorch, Tailwind CSS, Git, GitHub, REST APIs