

Austin Chiwambo  
[austinchiwambo@outlook.com](mailto:austinchiwambo@outlook.com) | +44 07368205042 | [GitHub](#) | [Linkedin](#)

## 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.

Technical skills: JavaScript, Python, HTML, CSS, Java, React.js, Node.js, Flask, PyTorch, Tailwind CSS, Git, REST APIs, Django, leaflet.js, GeoJson

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## Education

BSc Computer Science  
Richmond, The American University London

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## Experience

2x Hackathon Participant— Microsoft London (October 2024)

- 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

Virtual experience— JP.Morgan Chase Remote (Feb 2024)

- Simulated completion of an engineering ticket for JPMorgan's credit card rewards system
  - Built a Java class using OOP to convert between cash and reward miles
  - Developed unit tests using JUnit to validate conversion logic
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## 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

Koalocator (Jun 2025 - Jun 2025)

- Developed an interactive UI using React and Leaflet to visualize koala habitats across Queensland
- Integrated Queensland Government GeoJSON datasets to dynamically map real habitat zones
- Added postcode search to help users find local koala sanctuaries nearby

Portfolio site (May 2025 - Jun 2025)

- Developed a full-stack personal portfolio with a React-based front-end and a Django-powered back-end for form submission and data handling using linked to email notifications
- Implemented smooth animations using Framer motion
- Deployed on Vercel with Git-based CI/CD for automatic updates on push.