

# Dana Gutu

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## TECHNICAL EXPERIENCE

### Full Stack Engineer and UI/UX Designer, Fidelis AI

November 2024 – December 2024

- Designed the desktop application interface in Figma, including wireframes, UI components, and user flows.
- Developed the desktop application for self-driving vehicles simulations using React (TypeScript).
- Embedded pixel streaming functionality into the UI for real-time remote access and interaction.
- Implemented AWS integrations (DynamoDB, API Gateway, Amplify, S3, Cognito).

### Full Stack Engineer and UI/UX Designer, Kaiako

November 2024 – December 2024

- Designed the full user interface in Figma. Produced high-fidelity wireframes for color and black-and-white prototypes.
- Developed the responsive marketing website using React (TypeScript). Integrated client data handling and authentication with Firebase.
- Built custom quiz functionality using Python for interactive lead generation and user engagement on the site.

### Digital Project Assistant, Morrow Digital

November 2023 – December 2025

- Redesigned screens and flows across 3 applications for 3 different clients to reduce friction and lower the average number of user clicks per functionality.
- Managed the production, testing and deployment of new software for healthcare, sustainability and finance.
- Drove lead generation for the company's internal augmented and virtual reality digital product, discovering a highly competitive niche in the real estate sectors and acquiring clients.
- Liaised with clients, monitoring the performance of the infrastructure. Reduced deployment issues by ensuring testing consistency.

### Software Engineering Intern, NatWest Group

June – August 2024

- Won *Best Mobile Application* for a green investing mobile application I designed for the final team project.
- Created Developer Stacks for internal engineers as a Platform Engineer in the DigitalX department.
- Utilized Python to build data retrieval and application packaging APIs.
- Researched and recorded user experiences, contributing to a user manual with the occurring technical issues and their solutions for the incoming team members.

## EDUCATION

### University of Bristol, United Kingdom

BSc Economics

- [Bristol PLUS Award](#), Study Skills Ambassador, Academic Tutor, Global Lounge Ambassador, Research Assistant at CORE Economics (UCL, Jan 2022 – Dec 2024)

### Zhejiang University, China

SDG Global Summer School of Data Visualization

- Modules: Hierarchical & Network, Scientific Data, Spatial & Geographic, High-dimensional, Temporal Data

## SKILLS, ACTIVITIES & INTERESTS

### Technical Skills:

- Software Development: React (TypeScript), Python, JavaScript, HTML & CSS, Firebase, AWS, GitHub
- Statistics and Data Analysis: R (Programming Language), STATA, Excel

### Languages:

- Romanian (native)
- English (fluent)
- Russian (intermediary)
- German (beginner)

**Activities:** Athletics & Cross-Country Club (long-distance runner)