

DANIELS BUNKA

COMPUTER SCIENCE STUDENT

North West - UK | daniels.bunka8@gmail.com

danielsbunka.com | github.com/DanielsBunka | linkedin.com/in/daniels-bunka-0b132530a

PROFILE

I am a Computer Science student at Liverpool John Moores University with a 79.8% Year 1 Average. I have built and deployed full-stack, serverless and self-hosted applications using programming languages such as Python, JavaScript and Java. I have experience working independently and collaborating with other student developers.

EDUCATION

Liverpool John Moores University (LJMU) | *BSc (Hons) Computer Science (Sandwich)* Sep 2025 - Jun 2029 (expected)

- Year 1 Average: 79.8% (First-Class Standard).
- Selected modules: Intro to Programming (92%), Web Development I (87%), Professional Practice (86%) and Computer Science Workshop (85%).

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, Java

Web: HTML/CSS, React, Next.js

Backend & Data: Flask, Spring Boot, REST APIs, SQL (SQLite)

Tools & Deployment: Git, Docker, Cloudflare Workers

SELECTED PROJECTS

SMS Assistant | *Python, Flask, SQLite, Docker, Twilio* | [GitHub Repo](#) 2026

- Built and deployed a Dockerised Flask/Twilio SMS assistant with commands to retrieve live train times and stock prices and generate answers using Gemini Flash whilst storing conversation history separately for each phone number.
- Refactored a single-file Python application into four modules, added SQLite message logging and now run the application continuously on my ZimaOS homelab behind a Cloudflare Tunnel.

danielsbunka.com - Developer Portfolio | *Next.js, TypeScript, MDX* | [GitHub Repo](#) | [Webpage](#) 2026

- Built my responsive developer portfolio with Next.js, TypeScript and MDX, using project files to generate individual project pages and a filterable project list.
- Implemented multi-tag AND/OR filtering, automatically generated article navigation, active-section tracking and reading progress through reusable React components.

Roast My Face | *JavaScript, Web Speech API, Cloudflare Workers* | [GitHub Repo](#) | [Live Demo](#) 2026

- Built and published a webcam-based AI application using getUserMedia to capture images and the Web Speech API to read generated responses aloud, with the frontend deployed on GitHub Pages.
- Designed a Cloudflare Worker backend to keep API credentials out of client-side JavaScript and forward images to Gemini via the OpenRouter API.

Language Analyser | *Java, Spring Boot, JavaScript, OpenRouter* | [Team Repo](#) 2026

- Collaborated with three other student developers on a slang and cultural-context translator; added the selected input language to the Java request model, passed it through the Spring Boot service and included it in the AI prompt.
- Built a language selector that updated available languages, flags and interface text; debounced user input to prevent repeated API requests.

TECHNICAL EXPERIENCE & ACTIVITIES

Personal Homelab | *Docker, Self-hosting, Networking* 2025 - Present

- Maintain a repurposed Lenovo ThinkCentre running ZimaOS as a personal homelab for hosting Dockerised applications and services, using Cloudflare Tunnels to provide external access without opening inbound ports.

BCS Merseyside Hackathon | *Smart City Transportation* May 2026

- Collaborated with fellow Computer Science students during a two-day hackathon to design, prototype and present a smart-city transport solution under time pressure.