

FRANKIE MCMORROW

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An innovative, collaborative and hardworking final year student, currently studying for a bachelor's degree in computer science at Loughborough University. Possesses strong skills in software development and consulting as well as outstanding problem solving and communication/teamworking abilities. Seeking to apply experience and skillset in software engineering and software consulting roles.

SKILLS/CERTIFICATIONS

Stack

- Strong: React, React Native, TypeScript (&JS), NodeJS, Electron, Next.js, Python, Git, CSS, HTML, Jest, AWS
- Functional: C++, Java, GQL, SQL, Cypress, Azure, GCP

Certifications

- AWS Certified Developer – associate (DVA-C02)

Project Portfolio (non-work)

- A Java e-commerce platform and Python platformer game both using OOP.
- An Arduino channel control program in C++ with the use of Arduino buttons.
- A python library manager program with book recommendation algorithm for specific users.
- A wedding venue website with jQuery, SQL, and bootstrap utilisation.

Teamwork and Leadership Skills

- Led a team at IBM for the development of a bespoke event website to aid a bid for a large potential client.
- Hosted and led numerous sprint planning and retrospective sessions, as well as stand-ups and refinement/estimation sessions.
- Was the lead developer for a small team to create an alarm monitoring application for bp Pulse.

EXPERIENCE

Aug 2023 - Sep 2024: **Technical Consultant (Software Engineer) – IBM:**

- Aug 2023 – Jan 2024: **Full-Stack Web Developer – Audi**
 - Engaged in an agile team, contributing features to many areas of the Audi UK website.
 - Played a key role in the development of an automotive industry first machine learning tool for car matching – Audi Match.
 - Full-Stack web development with React, TypeScript, GQL, Jest, Cypress and numerous AWS services.
- Jan 2024 – Sept 2024: **Full-Stack Application Developer – bp Pulse**
 - Worked in an agile team, adding many new features/flows to the bp Pulse app.
 - Also created a bespoke application from scratch for our platform team to monitor AWS alarms from the menu bar/task bar. The application had an immediate impact, highlighting many outages.
 - Full-Stack app development with React Native, TypeScript, GQL, Next.js, Electron and AWS services.
- Outside of Projects – Created a client event application that streamlined IBM office visits, enhancing client experience and contributing to successful engagements with key potential clients.

EDUCATION

2021 – Present:

BSc (Hons) Computer Science – Loughborough University

1st year overall grade: 74.3% (1st class)

2nd year overall grade: 73.8% (1st class)

Key modules: AI Methods, Advanced AI, Machine Learning, Cloud Computing, Software Engineering 1&2, Web programming, Team Projects

2018 – 2020:

A Levels – Lord William's School

Maths (A), Computer Science (B), Physics (B)