

FRANK 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 web development and problem solving and has great communication/teamworking skills. Seeking to apply experience and skills in software engineering 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 iX** (Multiple Projects)

- **Aug 2023 – Jan 2024: Web Developer – [Audi.co.uk](#)**
 - 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, CSS, GQL, Jest, Cypress and numerous AWS services.
- **Jan 2024 – Sept 2024: Application Developer – [bp Pulse app](#)**
 - 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.
 - Full-Stack app development with React Native, TypeScript, CSS, GQL, Next.js, Electron and many AWS services.

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)

2018 – 2020:

A Levels – Lord William's School

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