

JACOB FIELD

FULL STACK SOFTWARE ENGINEER

jacobprogrammes@gmail.com

[LinkedIn](#)

[GitHub](#)

[100 Days Of Code](#)

[Portfolio](#)

PROFILE SUMMARY

I am a highly motivated and team-focused problem-solver, dedicated to launching my tech career. My passion for learning and technology is evident in my Master's research, where I explored the ethical implementations of AI development. This enthusiasm drives my commitment to working in tech, with a focus on shaping future AIs within a friendly ethical framework. I am analytically minded and am committed to continuous learning and personal development. Drawing from a background in Education, I'm eager to channel my knowledge into my tech career. Beyond work, I hone my musical skills, play guitar, bass, and drums. An ardent American Football fan, I am the founder of a flag American Football team – the Derbyshire Ducks.

TECH WORK EXPERIENCE

Bootcamper

School Of Code

Sept 2023 – Dec 2023

During the bootcamp I have trained to be job-ready by developing strong teamwork, problem-solving, and computational thinking skills in an Agile working framework. I learned how to work in a tech role by being thrown in at the deep end, solving real world problems in a learning environment that simulated a tech job and industry best practices. I have developed highly functioning full-stack applications using HTML, CSS, JavaScript, TypeScript, PostgreSQL, React, Next.js, and Express.js, and tested throughout. Working in new, high performing teams each week, I have developed my communication and teamwork skills, and have enjoyed leadership roles in the teams that I have been in. I have also cultivated my pair-programming and computational thinking skills throughout the course, but pride myself on my problem-solving, teamwork and communication skills. The bootcamp has taught me the value of feedback loops and how an effective team is greater than the sum of its parts.

Notable Projects:

- OpenAI Haiku Generator: I showcased my passion for AI and commitment to learning by utilizing the OpenAI API in a React-based app. I built the app to prompt the OpenAI API, generating Haikus based on user input and providing a simple yet impactful user experience. This project enriched my skills in using the OpenAI API, managing API Keys, and implementing environment variables with React, and it developed my understanding of the asynchronous nature of fetch requests by overcoming issues with data rendering before previous requests were complete.
- The Reading Room: By embracing ownership, we cultivated a collaborative, Agile environment marked by robust communication and teamwork. Guided by a commitment to problem ownership, we collaborated to develop a full-stack Next.js app using Chakra UI and SupaBase. My responsibilities included implementing authentication, creating a restful API, and seamlessly merging functionality with design to realise the app's mission of enhancing children's reading habits through a 'reading record.' Inspired by Duolingo, we introduced gamification with a playful avatar, elevating user engagement.
- Noughts & Crosses: I utilised React to develop a Noughts and Crosses app, with the aim of developing learning and delving into advanced React features. I contributed significantly to the team's rapid learning by explaining my understanding of React Components and array methods, proving pivotal for completing the app successfully within one day. The project enhanced my understanding of React component rendering and JSX. The project's success highlights my effectiveness as a communicator and team member who is committed to the continuous learning for both myself and others.

ADDITIONAL WORK EXPERIENCE

My previous career experience has equipped me with skills that are directly applicable to a job in tech: strong analytic skills, effective communication skills, indispensable collaboration and teamwork skills, and the ability to adapt in a fast-paced environment. I believe that I would be able to fit in seamlessly into a tech team, combining these essential soft skills with my development experience, in order to capably contribute from day one.

Teaching Assistant

Immaculate Conception Primary School

May 2023 – Sept 2023

I provided classroom support by collaborating on lesson planning and organisation. I maintained effective communication and provided individualised support to students with special needs.

Events Information Assistant

University of Salford

Feb 2021 – March 2023

I supported the Events Team in delivering essential services, I excelled at managing Registration, Graduation, and ID Card collection. I demonstrated my ability to analyse data, to continuously improve service delivery efficiency. I worked closely with my team to achieve departmental goals and also showed independence and leadership in managing ID Card services and training new colleagues.

Admissions Officer

BPP University

Feb 2020 – Feb 2021

I marketed the university to potential students, offering guidance and advice surrounding the application process. I developed strong communication skills and built rapport and relationships with applicants through efficient communication with an aim to enrol them on university courses. I worked towards and exceeded strict targets.

Sales Advisor

O2 Fargate Sheffield

Feb 2015 – Sept 2017

I stayed up to date with technological advances, so as to be able to offer expert advice around mobiles and tablets to customers in a performance-based role. This enabled me to build rapport and lasting relationships with customers.

SKILLS

- | | | | | | |
|-----------|--------------|--------------|--------------|-------------|-------------|
| • HTML | • CSS | • JavaScript | • TypeScript | • React | • Next.js |
| • Node.js | • Express.js | • PostGres | • SQL | • SupaBase | • WordPress |
| • GitFlow | • Jest | • PlayWright | • Tailwind | • Chakra UI | • GoLang |

EDUCATION

- | | |
|---|-----------------------|
| • School of Code Bootcamper – Intense 16-week course, my first role in tech. | Sept 2023 – Dec 2023 |
| • MRes Philosophy (Merit) – University of Reading – Dissertation on the potentials and dangers of A.I. | Sept 2018 – Dec 2019 |
| • BA (hons) Philosophy (2:1) – University of Reading | Sept 2015 – June 2018 |
| • A-Level Philosophy & Ethics (B), A-Level History (B), A-Level General Studies (B), A-Level Psychology (C) – St. Mary's Catholic Secondary School Chesterfield | Sept 2012 – June 2014 |

ACHIEVEMENTS, POSITIONS AND VOLUNTARY WORK

Software Developer

Freedom4Girls Charity

Jan 2024 – present

Working with colleagues from School of Code, I am contributing to a bespoke application for the Freedom4Girls charity. I am working in a small, agile team to create a bespoke application that informs people on their monthly cycles, in a user-centric and educational manner. Built with React Native and utilising SupaBase, the application's provides an accessible solution to monthly cycle tracking, for anyone who needs it.

Founder & Head Coach

Derbyshire Ducks Flag Football Team

Sept 2022 – present

I produced long and short-term development plans. Managed finances and funding applications. Worked with external service providers to achieve goals. Marketed team via social media channels to raise awareness and expand. Hosted regular training sessions and coached players to achieve their potential.

Captain & Defensive Coordinator

Salford Scorpions Flag Football Team

Sept 2021 – June 2022

I created defensive scheme, coached and coordinated players and developed leadership and communication skills. I led my team by example and contributed to my teammate's development.

St Patrick's Hall JCR President

University of Reading

Sept 2016– June 2017

Led my team of nine in welcoming 300 new students into their residence halls. Managed events, such as 'Welcome Week' and provided welfare services to students. Managed the hall's finances to get it out of £3,000 debt to the student's union.

Environment & Ethics Officer

University of Reading

Sept 2016– June 2017

Worked with sustainability officers to lower the University's carbon emissions to under 40%. Developed university wide projects, such as the 'Environmental Ambassadors' project of 100 ambassadors, and organised lake clean-up projects. Managed environmentally focussed campaigns.