

# JACOB FIELD

## JUNIOR FULL STACK ENGINEER

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[LinkedIn](#)

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[100 Days Of Code](#)

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### 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.

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### TECH WORK EXPERIENCE

#### Bootcamper

School Of Code

Sept 2023 – Dec 2023

Throughout the bootcamp, I've achieved readiness for the job market by mastering teamwork, problem-solving, and computational thinking in an Agile setting. Immersed in real-world challenges, I've developed full-stack applications using HTML, CSS, JavaScript, TypeScript, PostgreSQL, React, Next.js, and Express.js. I've also excelled in creating REST APIs, working with JSON files, and prioritising testing throughout. Collaborating in diverse teams weekly has enhanced my communication and leadership skills, while pair-programming and problem solving have been constant focuses. A standout achievement includes spearheading a high-performing team to deliver a full-stack application within a condensed four-week period.

#### Notable Projects:

- OpenAI Haiku Generator: I showcased my passion for AI and commitment to learning by utilising 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 RESTAPI, 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.
- Pilates Booking App: I'm developing a booking management web app for a friend's Pilates business to address the challenges of class attendance and resource management. The app simplifies class posting, user registration, and robust admin tools for class management. The app empowers the business with precise income projections and resource efficiency, enhancing operational effectiveness and customer satisfaction.
- Utilising TypeScript, Next.js, and a SupaBase backend, I created a dynamic application supported by a responsive database that updates in real-time. The frontend interface adjusts dynamically based on the database state, ensuring a smooth user experience.

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### ADDITIONAL WORK EXPERIENCE

Drawing from my past career, I've honed skills crucial for success in the tech industry: robust analytic abilities, adept communication, invaluable teamwork, and adaptability in dynamic settings. I am confident I will be able to seamlessly integrate into any tech team. I aim to leverage my foundational skills alongside my development experience to make immediate and meaningful contributions.

• **Teaching Assistant** Immaculate Conception Primary School May 2023 – Sept 2023

I contributed to classroom success by assisting in lesson planning and organisation, ensuring smooth operations. Additionally, I maintained open communication and delivered personalised support to students with special needs, fostering their academic progress.

• **Events Information Assistant** University of Salford Feb 2021 – March 2023

I led essential services for the Events Team, excelling in managing Registration, Graduation, and ID Card collection. Utilising data analysis, I optimised service delivery. Additionally, I demonstrated leadership in managing ID Card services and training new colleagues.

• **Admissions Officer** BPP University Feb 2020 – Feb 2021

I successfully promoted the university to prospective students, providing personalised guidance throughout the application process. By fostering effective communication and building rapport with applicants, I surpassed enrolment targets while ensuring efficient and effective communication throughout the process.

• **Sales Advisor** O2 Fargate Sheffield Feb 2015 – Sept 2017

By staying updated with technological advancements, I provided expert guidance on mobiles and tablets to customers in a performance-driven role. I exceeded targets and my contribution ensured my store was the leading store in the county. My proactive approach not only facilitated the establishment of rapport but also led to the development of lasting customer relationships.

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## SKILLS

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

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## EDUCATION

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|---|-----------------------|
| • 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 |

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## ACHIEVEMENTS, POSITIONS AND VOLUNTARY WORK

• **Software Developer** Freedom4Girls Charity Jan 2024 – present

Teaming up with School of Code colleagues, I'm deeply engaged in crafting a custom application for Freedom4Girls charity. Our agile team prioritises user education on monthly cycles through a specialised, user-friendly app. Powered by React Native and SupaBase, we deliver an inclusive solution for tracking monthly cycles, meeting the diverse needs of all users.

• **Founder & Head Coach** Derbyshire Ducks Flag Football Team Sept 2022 – present

I crafted comprehensive development plans for both short and long-term success, managed finances and funding, coordinated with external partners, boosted team visibility through social media, and coached players to reach 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, successfully leading the team to promotion.

• **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. Coordinated events, such as 'Welcome Week' and provided welfare services to students. I successfully fundraised and 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

I led students in cutting the University's carbon emissions to under 40%. I created university wide projects, such as the 'Environmental Ambassadors' project of 100 ambassadors, and organised lake clean-up projects. I coordinated environmentally focussed campaigns.