

Junior Software Engineer

Career-changer and freelance software engineer with a solid foundation in full-stack engineering and a passion for developing impactful, engaging and scalable web applications. My background as a patent attorney has honed my attention to detail and problem-solving abilities, which I apply to delivering clean, maintainable code. Eager to transition into a full-time role where I can contribute to meaningful projects, collaborate with dynamic teams, and continue growing as a developer.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), basic understanding of TypeScript (eager to deepen expertise).
- **Frontend:** React (including state management), React Native, HTML, CSS, SASS, component-based architecture, single-page applications (SPAs).
- **Backend/Databases:** Node.js, Express.js, SQL, PostgreSQL, Firebase, Supabase, REST API development.
- **Core Programming Concepts:** Object-oriented principles, component composition, design patterns, clean code.
- **Testing/QA:** Test-Driven Development (TDD), Jest, Supertest, debugging, troubleshooting.
- **Hosting/Deployment:** Render, Netlify, Cloudflare, basic understanding of AWS (eager to deepen expertise).
- **Design:** UI/UX principles, responsive and accessible design, Figma.
- **Methodologies/Tools:** Agile, SCRUM, version control (Git, Github), technical communication.

PROJECTS

- [There She Codes](#) - A full-stack events platform for women in tech, built using React, Node.js, Express and PostgreSQL.
- [SoulFlow Yoga \(front end\)](#) - A responsive yoga studio website built using React and designed using Figma.
- [iTinerary](#) - A travel planning mobile app built using React Native, Firebase, Expo, Axios and Mapbox.
- [NCNews](#) - A full-stack news app with a React frontend and a [RESTful API backend](#) built with Node.js, Express and PostgreSQL.

PROFESSIONAL EXPERIENCE

Junior Software Engineer (Freelance Contract) at Tech Returners *September 2024 - October 2024*

- Built a full-stack events platform using React, Express and PostgreSQL with secure JWT-based authentication.
- Designed a responsive and user-friendly UI, ensuring usability and accessibility across devices.

Junior Software Engineer (Freelance Contract) at Sixty *September 2024 - October 2024*

- Built a mobile-friendly web app for an interactive escape room game using React and Firebase with real-time data sync.
- Delivered a responsive, app-like experience optimised for mobile.

EMPLOYMENT HISTORY

Theatre Instructor and Bunk Counsellor at Camp Lindenmere *June 2024 - August 2024*

- Supervised and supported a bunk of 12 campers aged 11-14, fostering a positive and inclusive environment.
- Collaborated with the Theatre team to produce 4 musicals in 7 weeks.

Part-Qualified Patent Attorney at J A Kemp *October 2021 - January 2024*

- Drafted and prosecuted patent applications, developing tailored strategies to meet client objectives.
- Managed multiple client portfolios, prioritised workloads effectively and ensured deadlines were met.
- Developed strong analytical skills and the ability to explain complex technical concepts to a range of audiences.

EDUCATION

Northcoders Software Engineering Bootcamp *January 2024 - April 2024*

- Developed responsive web and mobile applications with React and React Native, focusing on accessibility.
- Built and tested RESTful APIs using Node.js, Express and PostgreSQL, utilising test-driven development (TDD).
- Quickly learned and applied new technologies to deliver full-stack projects in an Agile team.

Queen Mary, University of London *September 2020 - May 2021*

- MSc Management of Intellectual Property - Distinction (Herchel Smith Scholarship).

Durham University, Grey College *October 2015 – July 2019*

- MChem (Hons) Chemistry – 1st class (Top 20% of cohort).

Stamford High School, Lincolnshire *September 2009 – July 2015*

- A-levels: Chemistry (A*), Physics (A*), Maths (A); AS Level: French (A).

ADDITIONAL EXPERIENCE & INTERESTS

- **Mental Health First Aider:** Supported colleagues with mental health challenges, promoted workplace wellbeing, and led mindfulness sessions at my previous company as part of Diversity & Inclusion initiatives.
- **Content Creation:** I co-host the women's wellbeing and self-development podcast "Flourish and Thrive". I also run a social media platform sharing my journey into tech, which aims to empower women to pursue tech careers.