

## Junior Software Engineer

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Commercially-minded career-changer and Northcoders graduate with hands-on experience in full-stack development, a passion for building innovative solutions, and a proven ability to adapt and learn quickly. My background as a patent attorney has honed my attention to detail and problem-solving skills, which I apply to delivering clean, maintainable code. Seeking a role where I can contribute to impactful projects, collaborate with dynamic teams, and continue growing as a developer.

## TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript (actively learning), SQL.
- **Frontend:** Modern React (hooks, functional components, Context API), React Native, HTML, CSS, SASS, eager to learn Next.js.
- **Backend/Databases:** Node.js, Express.js, PostgreSQL, Firebase, Supabase, JWT-based authentication, REST API development.
- **Programming Concepts:** Object-oriented programming, asynchronous programming, design patterns, clean code practices.
- **Testing/QA:** Jest (unit testing), Supertest, Test-Driven Development (TDD), debugging, troubleshooting.
- **Cloud/Deployment:** Render, Netlify.
- **Design:** UI/UX principles, responsive design, accessibility best practices (ARIA roles, semantic HTML), Figma.
- **Methodologies/Tools:** Agile methodologies (SCRUM, kanban), version control (Git, Github), pair programming.

## 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, which was used by 120+ participants in a live client event.

**Theatre Instructor and Bunk Counsellor at Camp Lindenmere (Pennsylvania, USA)** *June 2024 - August 2024*

- Led 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, demonstrating strong communication skills.
- Team Leader for the camp's 'Colour War' competition, coordinating and motivating a team of 250+ campers and staff.

**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, effectively prioritising workloads and ensuring deadlines were met.
- Developed strong analytical skills and communicated complex technical concepts clearly to diverse audiences.

## EDUCATION

**Code First Girls Degree - Full Stack Engineering (Commencing January 2025)** *January 2025 - June 2025*

- Part-time course to expand my full-stack development skills, including React and TypeScript. I will also be completing the Code First Girls Masters course, which will equip me with additional skills in Java programming.

**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, employing Test-Driven Development (TDD).
- Quickly learned and applied new technologies to deliver full-stack projects in diverse teams, using Agile methodologies.

**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 – 1<sup>st</sup> 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 &amp; 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 where I document my journey into tech, which aims to empower women to pursue tech careers.