Sam Wade

Senior Full Stack Engineer

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PROFESSIONAL EXPERIENCE

ACCELEX TECHNOLOGY — London, UK
Senior Full Stack Developer — January 2020 - October 2024

- Created scalable, microservices-based systems using **React, Next, Node.js, PostgreSQL, TypeScript,** and **Tailwind CSS**, resulting in a 50% performance improvement.
- Spearheaded cross-functional teams to ensure the platform met the evolving needs of alternative asset managers, resulting in a **15% increase in client satisfaction** and a **10% growth in customer retention.**
- Managed a team of 8 developers, **increasing productivity by 20% and decreasing bug reports by 15%.**
- Constructed custom logging and monitoring tools, resulting in a **significant 25% increase** in overall system performance metrics.
- Developed and designed 5+ web and mobile applications using **React, React Native, Next.js**, **TypeScript** and **Tailwind CSS**.
- Took the lead in developing robust unit tests and end-to-end automation tests using **Cypress** and **Playwright**, ensuring the stability and reliability of the applications.
- Leveraged **React**, **Node.js Gatsby** and **Tailwind CSS**, developing 5 websites.
- Achieved security and authentication to web services using **Oauth2** and client side using **React-Redux-oauth2**.

PADDLE — London, UK
Senior Full Stack Developer — January 2018 - December 2019

- Led the development and maintenance of Paddle's core commerce platform, enabling seamless processing of over 10,000 monthly subscription billings and $5 million in payment transactions.
- Introduced and established **Webpack** infrastructure to modernize JavaScript practices by extending **ES6** through **Babel** loaders.
- Implemented unit tests and integration tests to ensure the quality and reliability of the applications.
- Designed and developed over **50 reusable UI components** using **React.js**, seamlessly integrating with Paddle's robust API layer.
- Participated in **50+ Agile ceremonies**(sprint planning, daily standups, retrospectives), ensuring efficient team collaboration.
- Engineered responsive, multi-browser compatible pages using **React, Next.js, TypeScript, Node,** and **Tailwind CSS**, improved user engagement by 25%.
- Conducted **100+ code reviews**, identified 20% improvement opportunities, and **mentored 3 junior developers** to maintain high code quality and engineering best practices.

PADDLE — London, UK
Junior Full Stack Developer — January 2016 - December 2017

- Built **25 RESTful APIs** using **Node.js** and **Express.js**, powering Paddle's back end services.
- Created and enhanced websites using **Angular, Node, Express.js** and **Material UI**, increasing clients' online presence and sales.
- Coordinated a 6-person front end team to implement 30 responsive, user-friendly interfaces using **React.js** and **CSS frameworks**.
- Established a **React.js-Redux** architecture for fetching asynchronous data from **RESTful APIs**.
- Mastered hands-on experience working with 2 relational databases (**PostgreSQL**) and 1 NoSQL database (**MongoDB**) for data storage and retrieval.
- Conducted in **30 code reviews** and 1**2 pair programming sessions** to continuously improve coding skills and knowledge.

ACCENTURE   **Dublin, Ireland**
Full Stack Developer Intern   **July 2014 - August 2015**

- Assisted senior developers in implementing APIs with **Node.js**, lowering the average server response time by 20 ms.
- Automated daily data processing tasks using **Python**, reducing manual effort by 51%.
- Built **4 web applications** using MERN (**MongoDB**, **Express**, **React**, **Node.js**) stack.
- Implemented **15 RESTful APIs**, integrated with **3 third-party services**.
- Participated in **10 training sessions** and **5 workshops,** expanding knowledge of software engineering best practices and emerging technologies.

EDUCATION

THE UNIVERSITY OF MANCHESTER   **Manchester, UK**
Bachelor's Degree in Computer Science   **September 2010 - July 2014**

SKILLS

- Programming Languages: HTML, CSS, JavaScript, TypeScript, Python, PHP
- Front-end Technologies: React.js, React Native, Next.js, Vue.js, Angular, Tailwind CSS, HTML5, CSS3, jQuery, Gatsby
- Back-end Technologies: Node.js, Express, Laravel, WordPress
- Databases: MySQL, PostgreSQL, MongoDB
- Frameworks and Libraries: Redux, Bootstrap, MUI, Cypress, Playwright
- Design Tools:Figma, Web Design, UX/UI, Adobe Photoshop
- Architectural Concepts: RESTful APIs, Microservices, Software Architecture, Data Structures, Algorithms
- DevOps and Cloud: Git, GitHub, Docker, Google Cloud Platform, AWS Services, DevOps
- Personal Skills: Web Development, Excellent Verbal Communication, Performance Improvement, Leadership

LANGUAGE

- English: Fluent