WILSON ESPINA

SENIOR FRONTEND ENGINEER

ABOUT

📍 WELLINGTON, NZ

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in IN/WILSON-ESPINA

JAVASCRIPT — JS

TYPESCRIPT — TS

REACT.JS — ⚛

NODE.JS — node

GRAPHQL — GraphQL

AWS — aws

JENKINS —

CASCADING STYLE SHEETS (CSS3) —

SASS — Sass

HTML5 —

GITHUB ACTIONS —

REACT TESTING LIBRARY —

DOCKER —

TEACHING —

LANGUAGES

ENGLISH *(NATIVE SPEAKER)*

SUMMARY

As a software engineer with over 5 years' experience, I am skilled in building enterprise-level, customer-facing web applications with a focus on technical coordination. I thrive in the dynamic front-end landscape and enjoy exploring new technologies. Along with leading technical workstreams, I foster a friendly work environment and support junior engineers while promoting best practices within Agile delivery teams.

EXPERIENCE

ITV

CORE FRONTEND ENGINEER   *08/2019 - 01/2023*

ITVX STREAMING PLATFORM

▷ Led the development of React components for Web and CTV applications, optimising GraphQL queries, implementing Design System build files and providing guidance to junior developers.
▷ Developed TypeScript components within an Atomic Design System, ensuring consistency and modularity across the codebase.
▷ Successfully delivered critical features under tight deadlines by offering pragmatic solutions to technical challenges and pushing for best practices.

MENTORING

▷ Designed and facilitated technical graphQL workshops for a frontend cohort unfamiliar with the technology.
▷ Provided in-depth mentorship to junior engineers through pairing sessions, ensuring their technical growth and proficiency.

STRATEGY

▷ Pioneered an automated monorepo merge queue with custom tooling using GitHub Actions, improving the team's efficiency and reducing the risk of merge conflicts.
▷ Facilitated discussions on improving GraphQL queries by initiating an internal Request For Comment (RFC) process, resulting in wider adoption and collective understanding of new technology.

GENERAL SKILLS

▷ Optimised DOM rendering of a CTV application, mitigating performance issues on low-powered devices and improving user experience.
▷ Championed a "shift left" testing approach within my teams by utilising Cypress and React Testing Library (RTL), resulting in higher code quality and faster feedback loops during development.

ITV

JUNIOR JAVASCRIPT ENGINEER   *11/2018 - 08/2019*

GENERAL SKILLS

▷ Successfully implemented the integration of subtitles for Samsung CTV devices on the ITV Hub, ensuring seamless and accessible viewing experience for users.
▷ Coordinated with the Platform Engineering team to debug and maintain Jenkins CI/CD pipelines, streamlining the deployment process and reducing the time-to-market for new features.
▷ Utilised vanilla JavaScript following an object-oriented design approach to develop new features for the ITV Hub CTV application, improving user engagement and enhancing the overall user experience.

GENERAL ASSEMBLY

LEAD INSTRUCTOR FOR JAVASCRIPT DEVELOPMENT PART-TIME COURSE   *03/2020 - 08/2020*

TEACHING

▷ Modernised the JavaScript remote course by incorporating current industry best practices and the latest tools, resulting in an enhanced learning experience for students.
▷ Created and delivered engaging lessons, guided exercises, and focused homework, teaching the fundamentals of the JavaScript language to students and facilitating their skill development.

MENTORING

▷ Provided personalised support and one-on-one tuition to students working on personal projects, guiding them through development challenges and facilitating their growth as developers.

LIMEJUMP

JUNIOR FRONTEND DEVELOPER   *02/2018 - 11/2018*

GENERAL SKILLS

▷ Led the development of the custom calendar and scheduling Customer Portal as the sole frontend developer, overseeing the project from inception to delivery.
▷ Implemented unit and integration testing to improve the health and stability of the front-end, resulting in higher-quality code and better user experiences.
▷ Collaborated with the UX/UI team to realise customer journeys through the company's AngularJS web application, ensuring a cohesive and intuitive user experience.

GENERAL ASSEMBLY

WEB DEVELOPMENT IMMERSIVE STUDENT   *10/2017 - 12/2017*

LEARNING

▷ Completed an intensive web development and agile project techniques bootcamp at General Assembly London in 2017, where I learned the fundamentals of frontend engineering through structured learning and pair programming exercises.

PROJECT WORK

▷ Demonstrated knowledge and expertise in frontend technologies by building personal projects during the bootcamp.
▷ Created an interactive maze game using jQuery, which incorporated HTML Audio Elements triggered by user events.
▷ Completed an individual project that utilised React, Node, and Express to connect to the Strava and Google Maps APIs, resulting in a Strava run patterns application.

HIGH SPEED TWO (HS2) LTD

UTILITIES ASSISTANT PROJECT MANAGER   *02/2015 - 07/2017*

GENERAL SKILLS

▷ Supported the Utilities Delivery team in implementing HS2 processes to effectively manage the utilities works programme.

FILEWORKS

PROJECT MANAGER   *02/2011 - 12/2014*

GENERAL SKILLS

▷ Managed a £100k+ Project Management contract with Network Rail, responsible for its strategic operation and day-to-day management.

EDUCATION

GENERAL ASSEMBLY

LONDON   *09/2017 - 12/2017*

WEB DEVELOPMENT IMMERSIVE BOOTCAMP - FULL STACK WEB DEVELOPMENT COURSE

UNIVERSITY OF WARWICK

COVENTRY   *10/2006 - 07/2010*

MENG - CIVIL ENGINEERING WITH BUSINESS MANAGEMENT