

Tim Rayner

Full Stack Engineer

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Experienced Full Stack Software Engineer with 5+ years of commercial experience. Frontend specialist at Mobilityways; proficient in Vue, React, C#, and TypeScript. Committed to leveraging technology for business impact and continuous learning. Seeking collaborative opportunities to drive innovation and solve complex challenges. Experienced working in the sustainability sector, malting industry and government contracting.

Experience

08/08/2022 – Present

Frontend Engineer/Mobilityways • Norwich, UK • (sustainability consultancy software)

- **Product Development** – Led innovative technical decisions as part of an Agile product development team, contributing to the company's growth and success.
- **Frontend Development** – Planned, managed, and implemented core product features as well as communicating with clients to implement bespoke extensions of our core suite of products.
- **Team collaboration** – Drove project and feature development, collaborating with fellow developers and major clients including Esso, Nectar, and Transport for London.
- **Leadership** – As well as leading projects and feature development for my team, I also led the companies social committee which included budgeting, planning, and organising whole-team days and activities.
- **Technical Achievements** – I am particularly proud of my involvement in leading the 'Liftshare x Esso thoughtful driving initiative' development for the frontend; communicating back and fourth with the product team at Esso and implementing technical solutions for a collaborative project between the two companies.

01/03/2022 – 01/08/2022

Full Stack Engineer/Asprey Management Solutions • Kings Lynn, UK • (government contractors)

- **Full Stack Development** – Planned, managed, and implemented core product features across the full stack, ensuring robust security and addressing vulnerabilities.
- **Team collaboration** – Led technical team decisions for software security and development across the entire stack; liaising with other departments of the business to ensure requirements are satisfied and targets are met.
- **Leadership** – Led the software testing strategy for the Angular and dotnet code base.
- **Technical Achievements** – Implemented features and systems across the entire stack to ensure business requirements were met to provide greater value to clients and end-users.

01/08/2019 – 01/03/2022

Full Stack Engineer/Crisp Malt • Fakenham, UK • (malting industry)

- **Full Stack Development** – Planned, managed, and implemented core product features across the full stack.
- **Team collaboration** – worked in a closely coupled development team as a Full stack developer after promotion from apprentice/intern role. This included pair programming and maintenance of legacy systems as well as leading spikes and developments into newer tech.

- **Leadership** – I led multiple full stack projects in my time at Crisp, demonstrating my ability to plan, manage, implement, and present to stakeholders.
- **Technical Achievements** – Planned, managed, and implemented a paperless fire evacuation register which replaced a dangerous old practice requiring a member of staff to re-enter the building to retrieve a paper register in the event of a fire evacuation. This system used the RFID clock on chipping system to gather information on whom were on site, and designated them to the correct assembly point whilst giving administrative tools to stakeholders for tracking attendance and safety of employees on an industrial site.

Skills

Project Management: Agile development, Product development lifecycle, Waterfall development, GitHub projects/orgs/issues/pages.

Leadership: Team leadership, Problem solving, Critical thinking, Communication, Public speaking, Adaptability.

Programming Languages: JavaScript/TypeScript, C#, SQL, NoSQL.

Frameworks and Libraries: Dotnet, Vue 3, Vue 2, React, React native (expo), Angular, Node.js, Handlebars.js, Next.js, Nuxt.js, Express.js, Vite, Pinia, Redux, Zustand, Cypress, Vitest, Entity Framework (core).

Cloud: Azure, Kubernetes, Serverless Functions, Webhooks, Docker, AWS, Clerk.

Data Management: MsSQL, MongoDB.

Development Practices: Agile, Scrum, TDD, DevOps, GitHub

Education

City & Guilds • Remote • Software Development Methodologies

Microsoft MTA • Remote • Application Development Fundamentals

College of West Anglia • Kings Lynn, UK • Sub Diploma – Computing