

Thomas Rainford

thomas@rainfords.net • 022 680 3431 • [GitHub](#) • [LinkedIn](#)

Summary

- A professional full-stack developer seeking a role to design, build, and maintain scalable applications while leveraging expertise in modern frameworks, cloud platforms and development practices.
- Proven ability to collaborate effectively with developers and designers in agile teams, ensuring smooth communication and alignment throughout the development process.
- Demonstrated ability to deliver high-quality software solutions under tight deadlines without compromising code quality or performance.
- Passionate about learning and adopting new technologies and development practices.

Technical Skills

- **Frontend:** HTML, CSS, JavaScript, TypeScript, React, NextJS, Vite, MobX, Redux.
- **Backend:** REST, GraphQL, NodeJS, Laravel.
- **Database:** MySQL, PostgreSQL, MongoDB, AWS DynamoDB.
- **Cloud & DevOps:** AWS, AWS Amplify, GitHub Actions, Docker.
- **Testing:** Jest, React Testing Library, Cypress, Playwright.
- **Tools:** VSCode, IntelliJ, GitHub, GitLab, Git.

Experience

Software Developer

HortPlus

February 2022 - Current

- Championed the adoption of Agile methodologies within the development team, streamlining workflows and improving development speed. Implemented CI/CD pipelines, increasing deployment frequency while elevating code quality as measured by reduced bugs reported post-release.
- Spearheaded the design and implementation of a robust update to the weather data API that supports international weather stations, allowing the ingestion of global weather data to expand the company's market reach while increasing the weather station network by over 100%.
- Led the development of an offline synchronisation feature for a progressive web application, facilitating seamless access and updates in remote areas; reduced user bug complaints by 90%.
- Led a project to upgrade a multi-tenanted authentication system, designing and implementing a more scalable and maintainable solution, which improved scalability and user audit logging for greater observability.
- Collaborated closely with cross-functional teams, including designers, to ensure the delivery of high-quality, fully integrated features aligned with project goals.
- Technologies used: JS/TS, React, Vite, MobX, Redux, Laravel, Mapbox, MySQL, AWS and Docker..

Developer Intern

HortPlus

November 2021 - February 2022

- Developed and maintained a web application by implementing front-end and back-end features, improving application stability and user experience, and increasing the user base by over 300%.

- Developed a complex mapping feature using Mapbox that replaced a legacy version for an improved user experience.
- Collaborated with the designers to refine the web application's visual elements, ensuring the product was both aesthetically pleasing and functional across all devices.
- Conducted thorough maintenance and debugging of existing web applications, identifying critical technical issues that improved overall application reliability for an enhanced user experience.
- Technologies used: JS/TS, React, MobX, Laravel, Mapbox, MySQL, AWS and Docker.

Education

2018 - 2021

Bachelor of Engineering (Hons) in Software Engineering

Victoria University of Wellington