

I am a full-stack software developer with over ten years of industry experience. I enjoy streamlining the developer process, to enhance developer efficiency and deliver code quicker. I am passionate about improving the user experience by creating efficient, consistent, accessible and responsive applications.

Technologies and Languages

- Languages: C#, HTML, CSS, Javascript, TypeScript, SQL, Python
- Frameworks and Libraries: Angular, Next.js, React, Tailwind CSS, .NET Core, Django
- Tools and Technologies: Azure, Azure DevOps, Git, Docker, Kubernetes, NPM, Terraform, NodeJS

Work Experience

Software Developer **INTO University Partnerships** **July 2021 – Present**
Brighton, UK

- Became the go to person for Terraform within my team and engaged in knowledge sharing with other teams. Usage of Terraform reduced the time for deploying a new application from weeks to minutes.
- Selected appropriate technologies to implement event driven architecture using Azure. Routed events from event grid to service bus to allow session locking for prevention of duplicates and avoid data loss.
- Worked with both Angular and React/Next.js to create interactive user interfaces.
- Developed RESTful APIs to provide data to our user facing web forms and dashboards.
- Built the company's CI/CD processes, going from monthly scheduled deployments to delivering code to production daily.

Technical Consultant **Cell Software** **July 2016 – July 2021**
Brighton, UK

- Worked as part of a scrum team to deliver software to interface with low level hardware. Streamed and transformed real time data using a WPF application. Used a REST API to send data and an ASP.NET front end as a reporting tool.
- Created a .Net core web application to allow a user to login to a piece of hardware using web sockets and remotely update settings. Generated reports to display faults that have occurred over a time period.

Junior Developer **Intergen** **January 2013 – June 2016**
Wellington, NZ

- Designed and developed a tool for visualizing SharePoint sites hierarchy using C#, AngularJS and Powershell
- Worked on a custom SharePoint solution for document handling using C#, ASP.NET and JavaScript

Education

- **B.Sc. (Hons) Computer Science**, University of Otago, New Zealand. **2010 – 2013**

Projects

Recipes github.com/jetodd/recipes

- A web application created using Python and Django. With a PostgreSQL database.
- Allows selection of recipes to plan for cooking for the week and adding to a shopping list.

Dicey github.com/jetodd/dicey

- A web application made using React, Next.js, Tailwind CSS and Typescript.
- For all the dice goblins who frequently forget their dice. A virtual option to roll a set of polyhedral dice.