

# CV: Jeremy Smith

A software engineer with experience in React, Node, Redux, GraphQL, TypeScript, Storybook, Next.js, Jest, and some Docker / AWS / Datadog.

## Professional Experience

### Software Engineer at MVF Global (October 2019 - Present)

- **November 2021 - Current:**
  - Developed a series of microservices that are dockerized, deployed via CircleCI, log errors to Datadog, and have comprehensive Jest unit test coverage.
  - Built and tested a React-Typescript component library in Storybook, which is published to npm.
  - Investigated an issue with excessive re-rendering and epic conducted the migration of global state to Redux with Immer slices.
  - Delivered parametric polymorphic pattern to a legacy PHP/Laravel application
  - Delivered an embedded iframe, mid transition, enabling an external team to experiment with UI
  - Presented at company tech guilds on Redux vs. Context and also on React performance improvements, such as using self-contained components and co-locating state.
  - Developed an embeddable JS widget in an iframe with responsive height to the parent container and transition effects to the input area between renders.
  - Created a generator application with UI buttons to generate a snippet for embedding the widget.
  - Built gateway applications for the widget and the generator using Node and TypeScript.
  - Mentored and supported colleagues.
- **October 2020 - November 2021:**
  - Built and tested server-to-server microservices / APIs for sending revenue and reading costs from marketing platforms such as Facebook, Google and Taboola. Worked with TypeScript, Node, Express, Apollo, Jest, MySQL, Snowflake, Looker, and Postman.
- **October 2019 - October 2020:**
  - Developed and tested APIs on an internal API system, provided user support on an internal CRM platform, and learned PHP / Laravel while working on a legacy monolith.

### Makers Academy Bootcamp (Feb-May 2019)

Developed coding skills and learned various technologies, including:

- Git, pair programming, Jira, TDD, SOLID, Kanban, Ruby, RSpec, Cucumber, MVC, Rails, CI, Travis, REST, CD, Heroku, UML, and debugging strategies.

### Prior to Software Engineering

Worked in finance and property management, including:

- **Finance:** Supported advisors with technical paperwork and calculated investment returns for 4.5 years.
- **Property Management:** Valued properties, managed estates, inspected damage, and managed budgets. Studied Real Estate at Kingston University and obtained a postgraduate diploma.

## Projects / Evidence of Work

Please find my public projects on [GitHub](#). Below are some key projects:

Link	Description	Tech
<a href="#">Brag Document</a>	Record of achievements and valuable work delivered	Various projects
<a href="#">Kata</a>	A collection of Kata exercises and my notes	TypeScript, JavaScript
<a href="#">Config</a>	A WIP NPM package for commonly used config files	NPM, Makefile, JSON, JavaScript, ESLint, Prettier
<a href="#">Tech Tests</a>	Tech tests completed	JavaScript, TypeScript, Ruby
<a href="#">jeremysmith.co.uk</a>	Static Gatsby website hosted on AWS	Gatsby, React
<a href="#">Balanced Money Backend</a>	Experiment with type-graphql and Docker	TypeScript, Node, Docker, TypeORM
<a href="#">Tutorial Projects</a>	Collection of tutorial projects	React, TypeScript, JavaScript, Docker, Redux
<a href="#">My Code Notes</a>	Extensive reference material and notes	Various technologies

## Qualifications

- AWS Certified Cloud Practitioner Foundational (Dec 2023)
- University of Kingston (2007-2009): Real Estate, Post Graduate Diploma
- University of Plymouth (2002-2005): Business Administration, 2:1

## Interests

Cycling, park runs, country/seaside trips for walks/cycling and fresh air, growing vegetables, cooking with/for friends with wine, BBQs, and time on the beach/in the sea!

## Contact

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