

ROB HARDING

Full Stack Developer

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WORK EXPERIENCE

Zone Coordinator

November 2021 - April 2023

Fernie Alpine Resort | Fernie, British Columbia

Web Development Intern

Jan 2018 – April 2018

Penta Medical | Waterloo, Ontario

- Created a user-friendly website, from design to development
 - Fixed bugs from existing websites and implemented enhancements that significantly improved the website's aesthetics and functionality
 - Built a user-friendly dashboard using ReactJS, Redux, and Firebase
 - Worked with a small team in a dynamic startup environment
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PROJECT EXPERIENCE

CulinaryWizard

September 2023 - Present

github.com/robharding/culinarywizard

- Developed a **SaaS** application to simplify complex blog post recipes into user-friendly instructions
- Leveraged cutting-edge technology by integrating the **GPT-4** model through the OpenAI API to provide accurate recipe transformations in JSON format.
- Implemented **serverless** infrastructure, ensuring high scalability and cost-effectiveness, and utilised the **Edge** Runtime to deliver dynamic, personalised content efficiently.

AvatarAI

April 2023 - August 2023

github.com/robharding/avatar-ai

- Engineered a **SaaS** application allowing users to effortlessly create unique avatars for their social media profiles using the **DALL-E API**
- Ensured secure user authentication with **AuthJS** and utilised Stripe to seamlessly process payments.
- Implemented scalable data storage using **Planetscale** and **AWS S3** buckets.

Breadit

March 2023 - June 2023

breadit.robharding.dev

- Designed and developed a feature-rich social media application
 - Incorporated advanced web development techniques such as Server-Side Rendering (**SSR**), dynamic injection, optimistic updates, client caching, and cache revalidation to optimise user experience
 - Automated deployment with **GitHub CI** and Vercel, ensuring seamless updates and continuous integration.
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TECHNICAL SKILLS

Languages: TypeScript (proficient), Python, Java, Go, HTML & CSS

Other: Node.js (proficient), Postgres, React (proficient), Docker, Git, Redis, CI/CD, Unit Testing

EDUCATION

Wilfrid Laurier University | BSc, Honors Computer Science

2021

North Toronto Collegiate Institute | High School Diploma

2017
