Paarth Dhammi

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EXPERIENCE

- **Array Studios** — Nanaimo, BC
  Software Developer — *Sept 2024 – Present*
  - **Full Stack Development**: Develop and maintain high-quality, responsive websites using Laravel, JavaScript, and CSS, ensuring scalability, performance, and security.

- **Eye Photo Systems** — Portland, Oregon
  Full Stack Developer (Contract, Remote) — *May 2024 – Present*
  - **AI-based Desktop Application**: Built an AI-powered desktop application for ophthalmologists using GO, ReactJS, Bun, LibSQL, and HONO, with current integration with Amazon SageMaker to create a machine learning model for accurate eye condition detection and personalized patient care.
  - **Local First Optimization**: Applied local first techniques for faster load times, and doctors can use the application offline without losing data.

- **Freelance Contracting** — Vancouver, BC
  Full Stack Developer — *Sept 2019 – Present*
  - **Client-Focused Web Development**: Built, deployed, and maintained multiple websites for clients, including Lab 915, Prairie Neuro, and the International Neurotrauma Society, utilizing expertise in JavaScript, PHP, and SCSS to deliver high-quality online solutions that exceeded client expectations and increased online engagement and brand visibility.
  - **Website Migration**: Revamped a legacy Drupal website for Concerts in Care, replacing it with a modern event management system built on GatsbyJS, ExpressJS, and MongoDB. This significantly improved the user experience for seniors and streamlined administrative workflows, reducing event setup time by 40%.

- **BulletProof Studio Tools** — Vancouver, BC
  Full Stack Developer Internship — *Jan 2024 – May 2024*
  - **Reducing Server Load**: Optimized backend for a high-profile VFX budgeting tool, implementing FastifyJS, GraphQL, and Mercurius to improve load time by 20% and reduce server load in an agile team.
  - **Timesheets Dashboard**: Crafted an intuitive ReactJS (TSX) frontend with Apollo Client, enhancing timesheet management and collaboration for VFX film budgeting.

- **The West Harbour** — Vancouver, BC
  Full Stack Developer — *Oct 2022 – Dec 2023*
  - **Headless CMS Development**: Spearheaded the development of multiple high-performance websites using Sanity.io, leveraging NextJS, Contentlake, and ReactJS, resulting in improved load times, scalability, and maintainability.
  - **Developed Custom Theme**: Engineered a reusable ReactJS/Tailwind theme with PHP backend, cutting future website development time by 25% through automation.
  - **Design Implementation and Development**: Brought designs to life with pixel-perfect implementation, creating custom blocks with ReactJS, Tailwind, SCSS, and PHP, and adding interactive elements with GSAP for clients, resulting in high-quality, interactive web applications that met client expectations and exceeded their online presence goals.

PROJECTS

- **RAG E-Commerce Store – Source**: Developed a smart FAQ retrieval system for a coffee store, utilizing RAG and Pinecone for personalized shopping experiences, seamless Stripe integration, and scalable architecture with SST and Hono, built with ReactJS, Tanstack, and DALL·E 3.
- **AME Roundup**: Developed the CSS Design Awards winning AME Roundup website, focusing on UX, using ReactJS, Tailwind CSS, GSAP, PHP.

EDUCATION

- **British Columbia Institute Of Technology** — Vancouver, BC
  Diploma in Full Stack Web Development; with distinction — *Sept 2022 – April 2024*

- **Langara College** — Vancouver, BC
  Diploma in Computer Studies — *Sept 2016 – April 2019*