

Benjamin Wang

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TECHNICAL SKILLS

Languages: Python, JavaScript, Typescript, PHP, SQL, HTML/CSS

Frameworks and Databases: React.js, Node.js, Vue.js, MySQL, Couchbase (NoSQL), Nuxt.js

Familiar Technologies: Linux, Git, Jira, Wrike, Firebase

Certifications: AWS Certified Cloud Practitioner

EXPERIENCE

Full-Stack Developer Intern

Jan. 2025 - Present

BizZone inc.

Gormley, ON

- Developed a file directory in **Vue** using both Composition API and Options API, querying data from a **Couchbase NoSQL database** using SQL++, which resulted in a **78%** reduction in loading times compared to the old system
- Configured batch cron jobs with **PHP** and a **MySQL ORM** to automate membership renewals, saving associations an estimated **38** hours of collective work a month
- Designed and developed a user engagement tracking system by creating **MySQL database entities** and applying OOP principles and factory design pattern to modularize point calculation logic based on user activity

Full-Stack Developer Intern

Apr. 2024 - Aug. 2024

BizZone inc.

Gormley, ON

- Developed dynamic and interactive graphs to visualize customer data surrounding finances and membership using **Vue**, **Typescript**, and **Apache Echarts** on the frontend and **PHP** and **SQL** for retrieving data
- Created a public directory using **OpenAI's API** for semantic search, enabling users to filter by location, name, and distance from a **MySQL** database: [Directory](#)
- Implemented data fetching in **TypeScript** using **Axios** for **RESTful API calls** to **PHP** action files, which reduced response times by **36%** through efficient request handling and SQL query optimizations.

Front-end Developer Intern

Jul. 2023 – Aug. 2023

PrimaCare Community Family Health Team

Ayr, ON

- Developed a user-friendly and responsive patient website using **React** that is maintained to ensure up-to-date information for all patients
- Created comprehensive unit tests with **Jest** to validate event handling and state management logic, and deployed the website to Firebase for responsiveness and bug testing

PROJECTS

Short Notes | *Next, React, Javascript, MySQL*

Mar. 2025 – Present

- Developed a full-stack note-taking application utilizing **Next**, **React**, and **MySQL** for customized note-taking
- Created **RESTful API endpoints** to perform CRUD operations for notes to have data persistence and synchronization between the frontend and **MySQL database**

Time Tracker | *Vue, Nuxt, Vuetify*

Apr. 2024 – Aug. 2024

- Built a time tracking web app using **Nuxt** and **Vue's Options API** that enables users to log daily activities
- Implemented an automatically updating calendar that provides different time tracking for each and editable time fields using Javascript

Memory Melody | *React, Node, Javascript, Auth0*

Jan. 2024 – Jan. 2024

- Developed a music recommendation web app with **React**, **Node**, and **Spotify API** to create personalized playlists based on users' music tastes and listening history
- Enabled semantic filtering with **OpenAI API** and Spotify data extraction with Auth0 to create a personalized user experience

EDUCATION

Waterloo University

Bachelor of Computer Science, CGPA: 90.3%

Waterloo, ON

Sep. 2023 – Present