

Bryan Hughes

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Summary of Qualifications

- Proven ability to effectively manage tasks in a fast-paced environment.
- Hard worker, fast learner, and able to assume large amounts of responsibility.
- Ability to work well in a high volume, intense environment smoothly.
- Excellent verbal and written communication skills.

Work Experience

Software Developer – Smart Prop Trader

February 2024 – Present

- Collaborated with company leaders to establish a comprehensive understanding of project requirements and technical needs.
- Introduced several preventative attack countermeasures to increase overall project security.
- Created **CSRF attack prevention** logic, based on **OWASP signed double submit** guidelines.
 - Facilitated the execution of this logic in middleware for both our **Go Lang** and **TypeScript** applications.
- Built an attestation layer into both applications frontends to prevent denial of service attacks.
- Utilized **Doppler Secrets Manager** to inject encrypted environment variables into multiple applications.
- Implemented credential based and OAuth provider login/registration for multiple applications using **Firestore**.
- Orchestrated the creation, validation, and deletion of user sessions across multiple applications.
- Prevented session token theft by enforcing IP address restrictions and ensuring one session per IP address.
- Utilized **Next.js** with **TypeScript** to create API endpoints and frontend user interfaces.
- Built modern and aesthetically pleasing frontend layouts/pages using **Shadcn** and **Tailwind**.
- Established and communicated project timelines, task lists, and milestones to business leaders.
- Leveraged **Prisma** introspection to create **TypeScript** models based on the consistently changing shape of our database. Additionally, utilized **Prisma** to write queries that read and write to our database.
- Created a mono-repository using **TurboRepo** to share types and dependencies across the client and admin applications.

Software Developer - Evertz Microsystems

November 2021 - December 2023

- Drastically increased engineer productivity by creating a crash log detection and triage system for the ORT.
- Used **Vue 3**, **Vuetify** and **TypeScript** to craft accessible, responsive, and visually appealing applications.
- Worked with project leads to gain a complete understanding of expectations and deliverables.
- Significantly reduced project complexity and redundancy by implementing a centralized network layer.
- Worked collaboratively and independently to maintain project timelines.
- Ensured continuous uptime for an on-premises, bare-metal deployment of the crash detection system.
- Built and tested API endpoints using **Java**, **Spring Boot**, **Maven**, **Hibernate**, and **Liquibase**.

Languages, Frameworks & Tools

TypeScript / JavaScript, React, Next.js (App Directory), Zustand, Vue 3, Python, Bash, Java, Spring Boot, Rust, PostgreSQL, Redis, MySQL, GIT, NGINX, Docker, CSS, Tailwind

Education

Humber College - Web Development (April 2020 - April 2021)

Seneca College - Computer Programming & Analysis (September 2019 - April 2020)

References are available upon request.