Bryan Hughes

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Languages

TypeScript, JavaScript, Bash, Python, GO, Java, PostgreSQL, MySQL, MongoDB, Redis, HTML, CSS, Rust

Frameworks & Libraries

React, Node.js, Next.js, Remix, Zustand, Jest, Redux, Vue, Svelte, Spring Boot, Tailwind, TurboRepo

Tools

OAuth, GIT, GitHub, NGINX, Docker, CI/CD, Cloudflare R2, AWS EC2, AWS S3, AWS Redshift, Google Cloud Platform

Work Experience

Lead Software Engineer – Smart Prop Trader   **February 2024 – Present**

- Streamlined development by maintaining constant communication with company leaders and developers.
- Saved tens of thousands of dollars by removing unnecessary dependencies and reducing complexity.
- Managed a team of a developers to maintain project timelines and meet project milestones 60% faster.
- Wrote CSRF attack prevention logic that saved hundreds of thousands of dollars in breach response.
- Built an attestation layer in our projects to prevent denial of service attacks, saving weeks in labor.
- Utilized a secrets manager to share, rotate, and access our environment variables, preventing leakage.
- Increased product reliability and minimized liability tenfold by building an OAuth2 login and registration.
- Orchestrated the safe creation, validation, and deletion of user sessions across multiple applications.
- Utilized Node.js with TypeScript to build well documented, developer friendly, RESTful API endpoints.
- Built modern, responsive, and aesthetic frontend applications using, React, Next.js, Shadcn, and Tailwind.
- Leveraged Prisma introspection to save weeks of development time by automatically updating and creating TypeScript models based on the constantly changing shape of our database.
- Built a mono-repository to share types and dependencies, saving tens of thousands of dollars in time.

Software Engineer - Evertz Microsystems   **November 2021 - December 2023**

- Saved months per year of multiple lead engineer's time by developing a crash log detection and triage system for the Evertz Overture Real Time (ORT) product.
- Used Vue, TypeScript, and the Vue ecosystem to craft accessible, responsive, and aesthetic clients.
- Worked closely with the director of the ORT to maintain expectations of deliverables.
- Implemented a centralized network layer, minimizing project complexity, and saving weeks in development.
- 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 RESTful API endpoints using Java, Spring Boot, Maven, Hibernate, and Liquibase.

Education

Humber College – Software Development (April 2019 - April 2021)

References are available upon request.