

ISAIAS BRIONES

Software Engineer

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Python, Bash, Go, C, C++, Java, Swift, Dart

Frameworks & Libraries: React, Preact, NextJS, React Native, Vue, Nuxt, NestJS, Svelte, Express, Django, Flutter

Tools & Platforms: Docker, K8s, MongoDB, Postgres, Firebase, Grafana, Cypress, Playwright

EMPLOYMENT HISTORY

SOFTWARE DEVELOPER 2

Mar 2023 - Sep 2024

Dotdash Meredith

- ♦ Optimized Docker image scripts and integrated PNPM, significantly reducing CI/CD pipeline install and build times across 20+ applications
- ♦ Partnered with DevOps to streamline deployment processes, resulting in reduced overhead during QA testing and more efficient application rollouts
- ♦ Implemented Grafana dashboards to monitor API request health and integrated Google Analytics to track user events, combining metrics from both tools for visibility and improved diagnostics

SOFTWARE DEVELOPER 1

May 2022 - Mar 2023

Dotdash Meredith

- ♦ Streamlined software versioning and automated changelog generation by designing and integrating custom Bash scripts into the CI/CD pipeline, reducing manual overhead and improving deployment accuracy
- ♦ Organized and led cross-functional meetings with developers and QAs across 6 teams and 11 applications, serving as a tech evangelist for core upgrades, fostering best practices
- ♦ Mentored intern through pair programming, elevating their skills to deliver high-value core features while ensuring effective collaboration

FULL STACK DEVELOPER INTERN

May 2021 - Apr 2022

Dotdash Meredith

- ♦ Spearheaded the migration of a monolithic codebase to a monorepo structure, and decoupled an Express server into NestJS microservices, enhancing scalability and establishing codebase modularity
- ♦ Provided demos and support to QAs in conducting end-to-end testing within the new monorepo structure, facilitating efficient test integration and comprehensive coverage
- ♦ Onboarded new developers during the Dotdash-Meredith merger, facilitating a smooth transition across teams and ensuring alignment with company processes and tools

RESEARCH ASSISTANT

Jul 2021 - Sep 2021

University of Alberta

- ♦ Developed a Node.js API server enabling secure video upload, streaming, and storage, implementing robust user authentication and access control mechanisms to ensure data protection
- ♦ Configured NGINX as a reverse proxy to expose API endpoints effectively, managing port routing while enhancing security with UFW for traffic filtering and blocking malicious requests
- ♦ Built a Flutter application using Bloc, implementing continuous improvements driven by user feedback to enhance functionality and user experience

EDUCATION

SPECIALIZATION IN COMPUTING SCIENCE WITH MINOR IN BUSINESS

Sep 2018 - Apr 2022

University of Alberta

- ♦ Studied algorithms, database management, product management, computer architecture, and operating systems
- ♦ Applied software engineering concepts to develop an Android social media app for a class project
- ♦ Worked in a group of 4 to develop an emergency alert mobile app for a client using Flutter