Hernando Delgado

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✏️ Profile

Bilingual software engineer fluent in both English and Spanish. Proficient in JavaScript, Ruby, and Go. Passionate about leveraging technology to address complex challenges and improve lives. Experienced in developing applications using various programming languages and frameworks. Committed to driving innovation and pursuing continuous self-improvement.

💼 Professional Experience

Signet, *Software Engineer, Creator* ⧉   03/2023 – present

- Signet is an open source, cloud native framework for testing microservices against API contracts.
- Developed Deploy Guard, a tool that monitors deployments across environments, empowering developers to pinpoint relevant contracts, enhancing the safety and efficiency of application updates—resulting in a marked decrease in deployment mishaps and a smoother development process.
- Introduced a webhook feature that facilitates event-driven CI/CD integration.
- Implemented per-test SQL transactions bringing the percentage of internal stateful tests that were unreliable (flaky) from 50% down to 0.
- Architected both a relational database schema and a Node.js database client module.
- Wrote JavaScript (Jest) test suites for 10 application workflows.
- Streamlined the continuous deployment process for the application using GitHub actions.
- Crafted an Express.js backend and REST API to provide consistent test and deployment data to distributed CI/CD pipelines, and support Signet's React SPA.
- Collaborated with a remote engineering team employing an agile methodology.
- Presented Signet during a live tech talk. View the presentation here ⧉ .
- Authored a technical case study on the contract testing domain, detailing the technical design decisions and challenges encountered during the development of Signet. Access the case study here ⧉ .

Software Engineer   09/2021 – 03/2023

Developed open-source software, projects include:
- Request Binder: A real-time application for capturing and monitoring webhooks (React, Express, MongoDB, PostgreSQL).
- ContactHub: A contact managing application with search and tag features (JavaScript, Node.js, Handlebars, HTML/CSS).
- CartMate - A database-backed e-commerce application (Node, Express, React, Redux, MongoDB).

HD Recruiter, *Principal Recruiter, Owner*   12/2012 – 09/2021

- Developed HD Recruiter from inception, achieving a consistent 15% year-over-year growth, primarily in the industrial automation and manufacturing sectors.
- Handled all business development activities for the company, excelled in client negotiations, and established lasting partnerships.
- Leveraged my comprehensive executive recruiting experience from tenure at Bank of America and TIAA.

🎧 Technical Skills

Front End

React, Asynchronous JavaScript, Browser APIs, Handlebars, HTML/CSS

Back End

API Design, Typescript, Go, Node.js, Express, Ruby, PostgreSQL, MongoDB

Tooling

Git/GitHub, Linux, CI/CD, VSCode

🎓 Education

Bachelors of Science, Psychology, *Roanoke College*