Robby Polana

Full-Stack Web Application Engineer

USA Based, willing to relocate

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Professional Summary

Full-Stack Web Application Engineer with extensive experience in both front-end and back-end development. Skilled in improving DevOps platforms and developing user-friendly applications. Proven track record of leading technical projects, mentoring junior developers, and collaborating effectively with remote teams. Passionate about continuous learning and creating innovative tools to streamline web development processes.

Skills and Keywords

- **Languages:** TypeScript, Go

- **Data:** PostgreSQL, Sqlite, Vector DBs (pgvector), Prisma/Drizzle ORMs

- **Deploy:** Kubernetes, Cloudflare Workers, AWS/GCP, serverless, cdns

- **Markup:** Tailwind + shadcn/ui,

- **State:** Zustand/TanStack Query, REST, RPCs, OAuth / JWT, Hybrid SPA/SSR

- **Workflow:** Terminal commands, Claude Code, Cursor, github flow

- **Front-End:** React + Next.js, TanStack, Tailwind + shadcn/ui

- **Back End:** Fastify/Hono (Bun), Go (chi, sqlc), tRPC, Node.js microservices

Professional Experience

Open Source / Personal Projects / Freelance

July 2021 — Present

- 1,001 Stars on Github for [Someday](#) — free to host calendar availability picker
- Significant contributions to core features of [mdxeditor](#), a wysiwyg markdown editor
- Built [opal-editor](#), an offline completely in-browser markdown cms editor and workspace manager
- Built a git based Markdown CMS with React Next.js and Typescript

Squarespace

Senior Software Engineer / March 2019 — 2021

- Developed workflow and frameworks for testing frontend integrations amongst remote organizational services

- Improved the ci build pipeline; reduced build times by 70% and added tests and fail safes for prod deployments

- Built and extended front-end tooling to make for more robust efficient and happier development

- Authored and integrated visual diff testing framework for refactors and improvements

- Mentored junior and backend developers to be more successful front-end engineers

- Coordinated with team and project manager to set realistic goals and timelines for our teams frontend development

- Integrated monitoring tools to track front-end uptime and production health amongst our users and device profiles

- **Technologies used: Javascript, Typescript, Webpack, Cypress.io, Java, NodeJS+express, React+Redux, GraphQL**

Appirio Inc

Technical Lead / October 2016 — November 2017

- Designed and built enterprise level solutions to meet organizational standards, demands and workloads.

- Mentored, tutored and evangelized new technologies and practices for a modern stack solution to meet enterprise level requirements, such as scalability, access control, auditing and security.

- Triaged, created and managed issues/tasks with our offshore development team.

- Traveled on-site to meet with clients to determine project requirements and deliverables

- **Technologies used: NodeJS+express, React+Redux, GraphQL, Postgres**

MustWin

Lead Application Engineer Consultant / May 2015 — February 2016

- Contributed non-trivial pieces of core back-end functionality to a custom scalable Docker platform product used by developers commercially for an industry leading client.

- Designed and implemented single-page-app architecture methodology and advanced front-end components to compliment the functionality of the back-end Docker platform product.

- Showed initiative by improving testing and build integrity, which proved critical in developing a *developer platform*

- Developed from the ground up using Go, a complete back-up and restore service for CassandraDB; a NoSQL distributed database.

- **Technologies used: Go, AngularJS, Java, Docker, CassandraDB**

Et. al, (2010—2015)

- **Mimir Health Intelligence — Senior Software Engineer / November 2014 — February 2015**

- **Razorfish — Senior Software Engineer / June 2014 — October 2014**

- **ShipStation — Senior Front-End Engineer / August 2013 — December 2013**

- **Cooking Planit — Web Application Engineer / April 2012 — July 2012**

- **Spawn Labs — Web Service Engineer / August 2011 — December 2011**

- **Fuery Solutions — Junior Developer / January 2011 — July 2011**

- **Telefund IT & Database and Systems Administrator / March 2010 — November 2010**