

Joeseph Rodrigues

Seeking a Senior Engineer position.

Contact

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Skills

Languages	Nodejs	Python	HTML/CSS/JS	Rust	C/C++
Frameworks	React	React Native	GraphQL	Express	Flask
Databases	PostgreSQL	MongoDB	Couchbase	DynamoDB	MySQL
Tools	Vim	Git	iTerm2	Tmux	
Infrastructure	AWS	Docker	Serverless	Kubernetes	

Work Experience

Sr Full-Stack Engineer at Full Stack Labs

May 2019 - Current

- Led development on, and managed four teams in building seven backend microservices for the modernization efforts to the California Department Of Healthcare Services. This was a first of its kind project in state projects using Nodejs, koa, and es6, all secured with JWT.
- Mentored 20+ Java and .NET developers on modern, fullstack javascript, as well as the concept of database migrations. I was a required approval on most backend pull requests, especially when a database migration was involved, on account of the amount of steering required.
- Before being put in charge of the microservices, I was a major contributor to the React frontend that consumed the microservices, and paired with team members often to show them best practices on a modern javascript frontend.

Sr Full-Stack Engineer at Omadi

August 2017 - May 2019

- Built a React Native app from conception to delivery to the user, and mentored jr engineers along the way.
- Major contributor in building a React web app that worked in tandem with the React Native app.
- Spearheaded the company transition to GraphQL running on Serverless in multiple company verticals, teaching new teams as they were brought online.

Full-Stack Engineer at Authentise

April 2014 - August 2017

- Pitched to management, built, and maintained an end-user accessible "3d Model Warehouse" api that: stored, raytrace rendered, transformed, ran a suite of printability checks, and repaired the model on demand.
- Pitched to management, built, and maintained an end-user accessible "Slicing Service" api that would take model resources from the model warehouse, and "sliced" (generated a toolpath) that could be 3d printed.
- Worked with a team to build an OpenCV api that would take pictures of a 3d print in-situ and compare it against an ideal rendering of the toolpath, and emailed the user if their print began to fail.
- Contributed Full Stack in building a Enterprise Resource Planning system for the 3d printing industry.
- Worked with a team to build a robust, bi-directional 3rd party integration service for all above listed services.

Backend/Firmware Engineer at Ansync

July 2013 - November 2013

- Wrote device firmware in C to talk to companion NodeJS apps.
- Contributed to various software/mechanical engineering projects.
- Worked SMT line at every stage from bare PCB's to final QA.
- Operated and maintained 3 & 5 axis cnc end mills, laser-cutter, and various shop tools.

- Developed and designed Android prototypes in rapid sprint cycles for prospective businesses and investors. Most taking advantage of natural language understanding (siri- like ai).
- Wrote server & automation scripts in python to interact with Android applications.
- Designed custom circuits for proof of concept of products, as well as 3d model objects and print them out for rapid prototyping of mechanical concepts.