

Christopher Codrington

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Full-Stack Software Development Engineer

Technically sophisticated software engineering professional operating across the full stack of web-based software applications in a collaborative team environment. Excellent understanding of the functional programming paradigm along with a broad knowledge of the modern web technology stack. Skilled in adopting new technologies and domain concepts; able to direct multiple tasks effectively and master innovative software/tools. Experienced in agile methodologies and test-driven development; proficient in data collection and systems analysis.

Technical Proficiencies

Languages:	Clojure, ClojureScript, JavaScript, Ruby, Go, Python, SQL
Libraries/Frameworks:	Compojure, Ruby on Rails, ExpressJS, Re-Frame, ReactJS, Redux
Databases:	Postgres, DynamoDB, Datomic, MongoDB
Cloud Technology:	API Gateway, S3, Cognito, DynamoDB, Serverless Tools, AWS-CDK
Other:	Emacs, GitHub, Pivotal Tracker, Unix Tools, Docker

Professional Experience

Tech Contributor/Assistant – Code for Boulder | Boulder, CO | Jun 2017 – Feb 2019

- Assisted new members in reviewing code and helped them implement new software development projects
- Contributed to developing relationships between the organization and local government; collaborated with the city officials on the open data portal using CKAN (Comprehensive Knowledge Archive Network)
- Identified opportunities for improving documentation, guides, and projects leveraging open data
- Planned, organized, and facilitated meetings; assisted with the grassroots and volunteer efforts to build technology-based solutions to address community challenges

Software Engineer – MCNA Dental | Ft. Lauderdale, FL | Dec 2014 – Nov 2015

- Served as a Full Stack Developer focusing primarily on the front-end coding assignments
- Built an authoring tool for the custom DSL for defining rules for adjudication, including linter and testbed
- Utilized ClojureScript, Reagent, CodeMirror, and Rails for code refactoring and testbed definition
- Developed prototypes for an application rewrite using Clojure, ClojureScript, and Reagent
- Implemented RDF data store ideas utilizing Datomic and graph database concepts

Front-End Engineer – Self-Employed/Consultant | San Francisco, CA | Feb 2014 – Jul 2014

- Designed a hybrid mobile application utilizing Cordova, Ionic Framework, AngularJS, and Coffee Script
- Worked closely with designers to implement their mocks accurately and adjust vector graphics to better translate concepts to the website

Software Engineer – MCNA Dental | Ft. Lauderdale, FL | Apr 2012 – Feb 2013

- Wrote a templating engine that used .docx file extensions as a source (used Ruby and GhostScript)
- Built a custom web tool for publishing .docx templates using Postgres, Rails, AWS' S3, JavaScript, JSON, and the docx templating engine; cut the time for deployment from two weeks to a day
- Assisted with the development and implementation of IT projects that improved the efficiency of the company's internal processes
- Contributed to the project writing SQL triggers and views to facilitate an in-house BPM
- Collaborated with multiple departments to formalize business processes within the internal rails application

Served as a Data Structure Tutor at Pine Crest School (Oct 2011 – Apr 2012)

Education and Credentials

Associate of Arts – Broward College, Ft. Lauderdale, FL