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## PROFESSIONAL SUMMARY

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Technical and highly motivated software developer, with technical skills in end-to-end software development. Experience and preference for the functional programming paradigm when designing and developing software projects. In my 2.5 years of professional programming experience, I have become very proficient in adopting new technologies as well as grasping domain concepts.

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## SKILLS & ABILITIES

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- Programming in Clojure, ClojureScript, JavaScript, Ruby, CoffeeScript, SBCL.
- Practiced Agile development, specifically scrum, and have experience with test driven development.
- Have experience with Mocha and ExpectJS, Capybara, and Rspec.
- Worked with frameworks and libraries like Ruby on Rails, Reagent(ClojureScript wrapper for ReactJs), AngularJs, Ring, and the number of libraries built on top.
- Used Database and Storage mediums like Postgres, MongoDB, AWS S3, and Datomic.
- Tools I frequently use are VSCode(Vim mode), Git, and Pivotal Tracker.

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## EXPERIENCE

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### **Code for Boulder**

#### ***Contributer/Assistant Organizer***

**6/2017 – 2/2019**

- Occasionally run the meetings when Brandon is out of town
- Helping new members to become familiar with or reviewing code, sometimes with projects they bring in.
- Helping to build the relationship between the city and Code for Boulder on the open data portal that uses CKAN. Looking to improve documentation, guides, and projects leveraging their open data.

### **Consultant**

#### ***Front End Engineer***

**2/2014 – 7/2014**

- Worked with designers to the point of having a working knowledge of using Adobe illustrator, in order to implement their mocks exactly, and make adjustments to the vector graphics to better translate to the web.
- The project itself was a hybrid mobile app that used Cordova, Ionic Framework, AngularJS, and CoffeeScript(language that compiles to JavaScript).

### **MCNA Dental**

#### ***Software Engineer***

**12/2014 – 11/2015**

- Put together another Authoring tool for our custom DSL for defining rules for adjudication, including a linter and testbed. Used ClojureScript, Reagent, and CodeMirror, along with Rails for refactoring and defining a testbed.
- Developed prototypes for an application re-write, using Clojure, ClojureScript, and Reagent.
- Experience working with implementations of more esoteric ideas like the RDF datastore. Which has some of the underpinning ideas behind databases like Datomic, and shares similarities to graph databases.

#### 4/2012 – 2/2013

- Wrote a templating engine that uses docx documents as source, the tools I used for this was Ruby, GhostScript
- Created and accompanying authoring web tool for versioning, testing, and publishing docx templates. Tools I used: Postgres, Rails, AWS' S3, JavaScript, JSON, and the docx templating engine.
- I have been involved in projects that significantly improved the efficiency of some of our internal business processes.
- Worked on a project writing SQL triggers and views to facilitate an in house BPM.
- Worked closely with multiple departments within the organization, refining and formalizing business processes within the context of our internal rails application.