Louis Alridge

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CAREER HIGHLIGHTS

- Over 9 years of experience in web application development performing roles such as Senior Full Stack Engineer and DevOps Engineer.
- Experience in Web, Backend Development, Infrastructure (DevOps) and Frontend Development that includes Analysis, Design, Testing and Implementation.
- Experience in developing Ruby on Rails and Elixir APIs using technologies such as Elastic Search, Git, PostgreSQL, Prawn, Puma, RabbitMQ, Redis, Solr, Kafka and Docker.
- Experience in developing rich Javascript applications with frameworks such as Angular.js, jQuery, Meteor, ReactJS, Redux, VueJS and Vuex.
- Experience in implementing and maintaining Infrastructure as Code solutions such as Chef, Grafana, HAProxy, Kibana, Logstash, Nginx, Node.js, Consul, Docker, Kubernetes and Terraform.
- Experience in implementing TDD / BDD for Ruby on Rails and Javascript using testing frameworks such as Cucumber, Rspec, Karma and Capybara.
- Experience with Elixir, Ruby, CSS3, Javascript, ES7, Bash Scripting, Golang and PHP.
- Highly professional communication skills honed through working with other developers and internal-to-company stakeholders.

WORK EXPERIENCE

Personal Business Development (TheLocusCo)   December 2023 - October 2024 • Plainfield, IL

- Spent several months digging into Large Language Models and how to utilize them.
- Studied Llama 3 to look for potential gains of using a locally tweaked LLM over remote solutions.
- Converted thelocus.co from a React frontend and Rails backend to Github Pages.
- Learned Jekyll and brushed up on CSS skills to simplify a massive and unwieldy React frontend.

Skills and technologies I used at TheLocusCo
HTML5, CSS3, Javascript, Jekyll, Ruby on Rails 7, React 18, Redux, PostgreSQL 16, Github, Python

Senior Full Stack Engineer at Simpli.fi   June 2018 - December 2023 • Fort Worth, TX

Project Description
Implement features and maintain the backend and frontend code that power the Simpli.fi experience.

- Wrote the majority of the frontend, backend, and testing code for several major features.
- Recipient of the Q1 2023 Golden Crow award for outstanding contributions to Simpli.fi.
- Rewrote and assisted in the maintenance of a Ruby on Rails API running on IBM Kubernetes.
- Worked with non-technical and technical stakeholders to add features and support refactoring.
- Worked with technical and management stakeholders to improve architectural concerns.
- Assisted in the maintenance of the primary Ruby on Rails & Vue Web Application.
- Assisted in updating and maintaining several elixir microservices.
- Assisted Data Engineers in better utilizing backend services outside of the data lake.
- Expanded understanding of the core systems using diagramming and documentation tools.
- Reviewed technical projects submitted by applicants for technical interviews.
- Assisted in integrating technical staff from acquisition companies into the Simpli.fi ecosystem.

- Setup remote team building exercises to help maintain a sense of culture during the pandemic.

Skills and technologies I used at Simpli.fi
Ruby on Rails 6, Vue 2-3, Vuex, Elixir, Icepanel, PostgreSQL 12, Rspec, Figma, Github, ERB, CSS3, Google Maps API, Kafka, Python, Kubernetes, Consul, Terraform, Apache Spark, Golang

Personal Business Development (TheLocusCo)   **September 2017 - April 2018 • Santa Clara, CA**

- Converted my portfolio site from Rails to a React frontend with an Elixir backend.
- Setup Ruby on Rails microservices to handle functionality that does not yet exist in Elixir.
- Worked with 2 other developers to discuss and prototype a Steam API service that would give gamers greater visibility into the statistics Steam games are keeping on them.
- Discontinued steam project due to the early 2018 privacy changes around much of the web and the Steam service in particular.
- Converted my portfolio site back from a Elixir-Phoenix backend to a Ruby on Rails backend.
- Open-sourced the repository running thelocus.co at https://github.com/TheLocusCo/locuscorev3

Skills and technologies I used at TheLocusCo
Elixir, Phoenix, Javascript, React 16, Redux, PostgreSQL 9, Rspec, Karma, Ruby on Rails 5, Github, ES7, JSX, ERB, JBuilder, CSS3, HTML 5, Steam API, Processing.js, D3.js, YML

Full Stack Engineer at Politech   **November 2016 - August 2017 • Remote**

Project Description
Ruby on Rails Application Enhancements

- Worked on change and feature requests submitted by the CEO or Customer Experience Team.
- Worked with Customer Experience Team to translate design documents into a list of required behaviors for the module. Implement a prototype that meets the behaviors.
- Worked with Customer Experience Team to iterate on the prototype module, connect the module to a test environment's data and verify interactions perform as expected.
- Review technical interviews and take-home projects of applicants to the company.

Skills and technologies I used at Politech
Javascript, jQuery, PostgreSQL, Rspec, Ruby on Rails 5, Github, HAML, CSS3, HTML 5, Basecamp, Redis, YML

DevOps Engineer at SocialCentiv (Now Respondology)   **June 2014 - July 2016 • Dallas, TX**

- Implemented a custom DevOps infrastructure for SocialCentiv using Chef and Rackspace Cloud.
- Worked with Backend and Frontend Developers to build a Heroku-like CLI.
- Worked with the engineering team to plan and test infrastructure upgrades.
- Implemented dashboards to give employees greater visibility into key company metrics.
- Implemented infrastructure remediation using Sensu to fix problems automatically.
- Recipient of the Q4 2014 to Q1 2015 President's Award for outstanding service to SocialCentiv.

Skills and Technologies I used at SocialCentiv
jQuery, PostgreSQL, Rspec, Ruby on Rails 4, Github, HAML, CSS3, HTML 5, Meteor, Sensu, Graphite, Grafana, Uchiwa, Node.js, HAProxy, Logstash, Nginx, Redis, Puma, Unicorn, Slack, YML

Web Application Developer for Trinovus, LLC   **June 2012 - June 2013 • Lubbock, TX**

Education

Bachelor of Science, Computer Science   **2008 - 2012 • Texas Tech University • Lubbock, TX**