

**Louis Alridge**  
<https://loualrid.github.io/resume>  
<http://www.linkedin.com/pub/louis-alridge/38/b23/545>  
27117 Ashgate Xing | Plainfield, IL 60585  
(817)-564-2697 | loualrid@gmail.com

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## CAREER HIGHLIGHTS

- Over 9 years of experience in web application development performing roles such as Full Stack Developer 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.
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## WORK EXPERIENCE

### Personal Business Development (TheLocusCo)

**December 2023 - June 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](https://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, Ruby on Rails 7, React 18, Redux, PostgreSQL 16, Github, Python

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### 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.

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**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

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

- Converted <https://thelocus.co> 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 <https://thelocus.co> 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

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**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

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**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 infrastructure upgrades and add new A-B testing environments.
- Implemented dashboards to give employees greater visibility into key company metrics.
- Implemented infrastructure remediation using Sensus 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, Sensus, Graphite, Grafana, Uchiwa, Node.js, HAProxy, Logstash, Nginx, Redis, Puma, Unicorn, Slack, YML

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

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