

# Alex Clink

Senior Web Software Engineer 9+ Years of Experience  
Remote // United States

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## Experience Evidation

Ruby / Rails / React.js / PostgreSQL April 2021 – December 2024

Primarily backend development on Evidation's clinical research platform "Triage" Which provided tools for building custom research studies and navigating dynamic questionnaires for research participants.

- Lead the effort for dynamic internationalization to provide research study opportunities to non-English speaking participants, adding more diverse data to research outcomes.
- Implemented API integrations including Experian precise ID, Hibbert shipping, tremendous, and others as well as custom API integration for Evidation's partners.
- Architected a solution to study versioning within the constraints of backwards compatibility with existing deployments.

## Zaarly

Ruby / Rails / Stimulus.js / PostgreSQL August 2020 – April 2021

Full stack development of tools and components on Zaarly's professional home services market platform. Responsible for implementation of features, data metrics tools, automation, and helping Zaarly to scale to new market places.

- Created full stack reactive components
- Worked on project based teams to implement designs with high levels of fidelity

## Credly

Ruby / Rails / React.js / PostgreSQL July 2018 – June 2020

Full stack web development on Credly's Acclaim platform. Maintaining uptime through deployments by ensuring background jobs and migrations transition smoothly.

- Developed versioned RESTful JSON APIs for public consumers while maintaining documentation
- Developed a new system of react.js user interface components to modernize the frontend with instant user feedback.
- Deployed complex schema changes and features with zero downtime to ensure no interruptions to API consumers.

## Linux Academy

Ruby / Rails / Angular / AWS / Docker May 2017 – May 2018

Development of Rails APIs using a service oriented architecture with Angular frontend clients. Used Ruby Shell Scripts to create live Linux cloud testing environments and tools to grade those environments. Team lead for CloudAssessments and CloudCraft, leading stand up meetings and code reviews.

- Built a system to gamify learning through interactive challenges.
- Enabled users to authenticate across backend services and platforms with an independent JSON Web Token (JWT) service.

Additional experience available at <https://alexclink.com/resume>

## Skills Core Development Skills

### Ruby on Rails

9+ years of backend and full-stack development on large-scale projects serving high concurrent loads.

### Frontend Frameworks

Experience developing frontend UIs using modern frameworks such as React.js, Stimulus.js, Angular, Vue.js, and others.

### Database Management

Proficient in various versions of SQL. Handling large datasets, normalized schema design, and query optimization.

### API Design and Development

Designing, implementing, maintaining public and private APIs returning JSON and other serialization formats.

### Architecture

Strong understanding of architecture design paradigms such as MVC, service objects, JSON Schema, REST, and HTTP API integrations.

### Background Job Processing

Managing scheduling of concurrent background jobs, threadsafe database operations, and zero downtime deployments.

### Development Collaboration

Diagramming, UML, Wireframes, Entity Relationship Diagrams, Pair programming, Technical Design Briefs.

### Test Driven Development

Writing unit, integration, and automation tests with RSpec, Minitest, Selenium, Jest, Jasmine, and others.

### Cloud Platforms

Deployed and maintained infrastructure on platforms including AWS, Heroku, and VPS services like Digital Ocean.

### Containerization

Created docker containers for deployment and development workflows.

### Automation

Shell scripting for automation. Github workflows, Capistrano.

### Monitoring

Experience setting up and monitoring tools such as Datadog, Rollbar, direct mailing.

## Tools Technologies, Frameworks, Testing, & Software

Ruby / JavaScript / Swift / Crystal  
Ruby on Rails / Sinatra / Rack  
React.js / Vue.js / Angular / Stimulus

PostgreSQL / MySQL / SQLite  
Redis / Sidekiq / GRPC  
Github Actions / Capistrano

Ubuntu / Passenger / Nginx  
User Experience Design  
Adobe® Creative Cloud

RSpec / Minitest  
Puppeteer / Selenium / Capybara  
Mocha / Jasmine / Jest

## Education Ferris State University

Interaction/Graphic Design  
Bachelor of Science, 2015  
Courses

**Interactive Design & Development**  
GRDE 316

**Communication Design**  
GRDE 320

**Advanced Writing for Business**  
ENGL 325

Ruby on Rails Essential Training  
Learning Angular.js  
Foundations of Programming:  
Databases  
JavaScript Essential Training

## N.C. Career Tech

Graphic Communications  
Two-year certificate, 2008

**Interactive Design Studio**  
GRDE 328

**Applied Management**  
MGMT 301

**Visual Communication**  
GRDE 420

Designing RESTful APIs  
CS Foundations: Refactoring Code  
Swift Programming Language  
CS Foundations: Object-Oriented  
Design

## Continuous Education

Computer Science  
Various courses

**Design Application**  
GRDE 422

**Public Relations Principles**  
PREL 240

**Production Techniques**  
GRDE 312

Ruby Essential Training  
CS Foundations: Design Patterns  
CS Foundations: Test-Driven  
Development  
CS Foundations: Data Structures

**Principles of Marketing**  
MKTG 321

Git Essential Training  
Objective-C Essential Training  
Cocoa Essential Training