

# Rahmal Conda

## Engineering Manager

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## PROFESSIONAL SUMMARY

Driven, Senior-level Software Development specialist with an entrepreneurial spirit and a demonstrated proficiency for facilitating a broad range of enterprise-level development initiatives, seeking a position at an innovative, energetic start-up where unconventional ideas are valued, an obsessive work ethic is rewarded, and contributors share in the spoils of success.

- Accomplished leader, with notable success providing direction and vision to a team of developers in both start-up, and corporate environments.
- Over 10 years experience developing and deploying high-availability, N-tiered Rails Applications.
- Over 15 years of extensive experience in Object-Oriented Design and Development.
- Proven ability to build high-availability, database-driven, n-tiered web applications and architectures.
- Professional "hands on" background utilizing Agile/Scrum development methodologies.
- A solid educational foundation that includes an M.S. degree and several professional certifications.
- Considerable experience scaling web applications, in n-tier Linux-based architectures.

## PROFESSIONAL EXPERIENCE

### HealthSherpa - Engineering Manager

*Oakland, CA — Aug-2022 – Present*

Ruby, Rails, Redis, Heroku, Docker

Managed and Lead the TOE (Technology, Operations, and Enablement) Team. The mission was to enable and support the vertical teams with tools and infrastructure, maintain a core platform for those teams to build out a suite of web products services, and to align engineering capacity with company strategy and goals.

- Spearheaded efforts to streamline our lifecycle and release management workflows and move toward a services oriented infrastructure.
- Ensured data and platform integrity by adding a service layer on top of the data layer, and automating the encryption and upload of documents.
- Rebuilt deployment and delivery application, using services hosted by Heroku, Docker, CircleCI, Cypress, and DataDog
- Supervised the integration of Cypress Ende-to-End testing into the continuous integration pipeline.

### Platform Services Lead - Encounter AI

*Oakland, CA — May-2020 – Aug-2022*

Ruby, Sinatra, Redis, Docker

Lead a team of seven engineers in the implementation of a cloud infrastructure that made up the micro-services layer of an AI platform. This conversational AI platform specialized in drive-thru automation (order-taking, cashier, customer experience).

- Designed and Developed all of the micro-services in the services layer, including authentication, data-caching, point-of-sale (POS), natural language processing (NLP), and more.
- Lead efforts to build and maintain cloud infrastructure for authentication, communications, and order-tracking services.
- Supported strategic planning for deployment, testing, launch, and scaling.
- Personally recruited and hired all of the platform engineering staff.



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## Senior Software Engineer - Display Social

*San Francisco, CA — Jul-2021 – Dec-2021*

Ruby, Rails, React, Redis, Docker

Display (previously Tsū) is a social media platform whose users capture value by creating and sharing original content. .

- Designed and Developed web services and API layer.
- Built and maintained platform infrastructure and API for mobile and web clients.
- One of two primary developers working to build new React-based client to eventually replace existing Rails frontend, and converting Rails backend application to headless middleware application.
- Helped with sprint planning, development, and testing.

## Senior Software Engineer - Returnly

*San Francisco, CA — Nov-2019 – Apr-2020*

Ruby, Rails, Javascript, React, MySQL

Senior-level Software Engineer at a best-in-class return and exchange management provider committed to a seamless, streamlined customer experience and full process automation.

- Developed and maintained the core application platform that consisted of a modular collection of web components, business objects, service adapters written in Ruby, managed by a Rails-based API gateway, with Java-based micro-services on the backend.
- Supported efforts to iteratively rebuild frontend using data-driven React components.

## Principal Software Engineer - The RealReal

*San Francisco, CA — Jan-2018 – Nov-2019*

Elixir, Phoenix, Ruby, Rails, Javascript, React, GraphQL, MySQL, Kafka

Senior-level Software developer at an industry-leading fashion reseller, specializing in authenticated luxury consignment.

- Developed elixir-based micro-services with GraphQL API for distributed web application platform.
- Re-built frontend using React backed by the elixir-driven Phoenix framework.
- Developed and maintained Rails-based, RESTful services platform with a Go-based API gateway that managed the backend services and API.
- Helped in effort to port Ruby-based services over to elixir-based microservices and new Phoenix-based API gateway.

## Senior Development Instructor - Dev Bootcamp

*San Francisco, CA — May-2017 – Dec-2017*

Ruby, Rails, Sinatra, Javascript, jQuery, React, PostgreSQL

Software Development Instructor, teaching modern full stack web application development using best-practice methodologies, platforms, and tools. Developed and Supported web applications and command-line tools, used by teachers to facilitate curricular processes and learning activities.

- Teach programming fundamentals and core knowledge.
- Coach students in modern, full-stack web application development, through hands-on training.
- Facilitate rapid learning using classroom lectures, hands-on development projects, and group activities.
- Develop administrative applications, learning software, and development tools.

## Technical Lead - Grand Rounds

*San Francisco, CA — Jul-2014 – Jan-2018*

React, Ruby, Rails, Sinatra, Javascript, CoffeeScript, jQuery, Backbone.js, MySQL, Redis, PostgreSQL



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- Designed a Questionnaire Engine, which built dynamic questionnaire forms based on information about the patient.
- Originally designed, architected and led the team that implemented our in-house, docker-based CI system.
- Worked as the “investigative engineer”. In this position I tracked down solutions for our most difficult bugs, brain teasers, and unexplained behavior in code. The issues that tended to stick around and pile up in the icebox.

### **Co-founder/Platform Architect - Box.es**

*Oakland, CA — Aug-2012 – Jul-2014*

Ruby, Rails, iOS, Sinatra, Node.js, Javascript, jQuery, AngularJS, CoffeeScript, PostgreSQL, PostGIS, Redis

Co-founded Box.es with two colleagues. Lead strategy and implementation of Boxes' state-of-the-art social commerce platform. Lead all engineering work from inception and technical planning to deployment and launch.

- Built MVP backend single-handed, with iOS developer handling app.
- Designed and developed the original platform and API.
- Took green-field application from inception to launch.
- Lead engineering, architecture and scaling efforts.

### **Platform Team Lead - GoPaGo**

*San Francisco, CA — Nov-2012 – Apr-2013*

Ruby, Rails, Javascript, jQuery, AngularJS, PostgreSQL

Managed GoPago's Platform Team. Reported directly to CTO, while setting technical strategy for platform growth and expansion. Managed engineering staff and mentored junior-level engineers. Lead efforts to design and implement GoPago's core retail transaction platform, including API and merchant portal.

- Worked directly with CTO set goals and plan implementation strategy..
- Lead efforts to maintain and support restful API, that served iOS app, Android tablet-based POS app, website and Merchant configuration portal.
- Planned and prioritized new features with the product management team.
- Managed engineering staff and mentored junior-level engineers.

### **Senior Software Engineer - Insight Card Services**

*Birmingham, AL (Remote, Consultant) — Jun-2012 – Nov-2012*

Ruby, Rails, Javascript, jQuery, Backbone, AngularJS, MySQL

Senior-level Software engineer at a fast-paced financial services provider. Reported to Vice President of Engineering. Responsible for design and development of new distributed, n-tiered, services architecture to replace existing monolithic Rails application.

- Personally lead effort to convert Rails-based web application to a suite of modularized web services.
- Managed phased deployment and conversion to new services.
- Maintained existing Rails 2.x web application, while developing new services.
- Introduced testing, regression, and continuous integration to development workflow.

### **Senior Software Engineer - Adobe**

*San Francisco, CA — Nov-2011 – Jun-2012*

Ruby, Rails, Javascript, jQuery, KnockoutJS, MySQL, MongoDB

Senior-level Software developer at an industry-leading social marketing startup, acquired by Adobe Systems. Primarily focused on building the next generation Social Marketing Suite.

- Designed and helped develop single-sign-on for distributed web application suite.
- Personally lead effort to deploy CI and automated deployment scripts to streamline and automate testing of the new application platform.
- Helped to develop a new cutting-edge, cloud-based social application builder.



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## **Principal Software Engineer - Badgeville**

*Menlo Park, CA — Jun-2011 – Nov-2011*

Ruby, Rails, Javascript, jQuery, KnockoutJS, PostgreSQL, MongoDB, Redis  
One of two Principal Software Engineers, reporting to the Backend Team Lead. Working in successful, industry-leading Gamification and CRM start-up. I direct and participate in architecture and development of Badgeville's web services, that allow clients to build a social game systems into their web properties.

- Developed, scalable, distributed, service-based web application, using MongoDB, and Rails.
- Lead recently launch "Social Fabric" project, adding broader use of the social graph and real-time notification system, using Redis, and juggernaut among other technologies.
- Participate in performance optimization, and coaching of recent graduate, junior developers.

## **Chief Architect - TripTrace.com (a.k.a PlaceBook)**

*Palo Alto, CA — Jun-2010 – Jun-2011*

Ruby, Rails, Javascript, jQuery, AngularJS, PostgreSQL, PostGIS, Memcached

Principal Software Engineer and Web Engineering Specialist, reporting to CTO. Original hire, and first software engineer (fifth employee), directing development from project inception, facilitating creation of entirely new, multi-layered web application, and overseeing all engineering functions of a startup company providing location and travel-based tools and services.

- Architected, developed, and deployed scalable, n-tiered, service-based web application suite from the ground, starting with a concept and basic requirements.
- Responsible for daily operations of all critical systems including web and application servers, database, and Solr index.
- Supervise all engineering functions encompassing, application development, front-end web design, systems architecture, third-party service integration.
- Plan, design, and build out critical application features, based on company launch goals, and timeline.
- Major contributor, with development time spent equally on back-end, front-end, database, and web services.

## **Principal Software Engineer (Consultant) - StrongMail Systems**

*San Francisco, CA — Mar-2010 – Jun-2010*

Ruby, Rails, Node.js, Javascript, jQuery, MySQL, Memcached

Took over as the Principal Software Engineer, reporting to CIO, on a project to implement performance best practices into the flagship rails application of the company's social media team. The web application was beginning to feel the strain, as new customers were added to the system.

- Determine load limits in regards to scalability, through profiling and benchmarking.
- Increase efficiency of current application by tweaking the system and refactoring load intensive modules to use design patterns that provide performance gains.
- Design and implement performance optimization solutions derived from tests and profiling.
- Using a combination of Rails, jQuery, and FusionCharts, I designed and developed a web module that represented a dashboard that both summarized and visually presented marketing campaign tracking data.

## **Lead Ruby Developer (Consultant) - ManageMyLife.com (Sears)**

*Chicago, IL — Dec-2009 – Mar-2010*

jQuery, Java, Rails, Javascript, jQuery, Backbone, CoffeeScript

Participated in Design, Development and Deployment high-availability, data-driven web property owned by Sears. Leading architecture design of new RESTful web services platform, and public APIs to allow Sears to propagate e-commerce functionality across web properties.



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- Guiding development and deployment of mission-critical n-tiered, Rails-based Web Applications.
- Leading discovery, strategy planning, and implementation of Services Oriented Architecture from inception.
- Take turns with other lead developers leading iteration meetings and daily scrums.

### **Solutions Architect (Consultant) - ZipZoomAuto.com**

*Houston, TX (Remote) — Aug-2009 – Dec-2009*

Ruby, Rails, Javascript, jQuery, PostgreSQL

Development Lead and Architect reporting directly to the CEO and Founder at a Startup that had just reached a critical growth point. Responsible planning architecture strategy, defining development practices around Agile software development methods, and taking point on SCM/Deployment, scaling, and performance projects.

- Directed a broad initiative to introduce industry best-practices in coding, deployment, and scaling to the existing architecture and plot out a long-term growth strategy.
- Guided development projects with special attention paid to platform performance and optimization.
- Mentored junior-level developers to use behavior-driven development, agile methodologies, and industry best practices to facilitate iterative development and collaborative project participation.

### **Lead Engineer - Enova Financial (CashNetUSA.com)**

*Chicago, IL — Dec-2006 – Aug-2009*

Ruby, Rails, Sinatra, Javascript, jQuery, PostgreSQL

Senior level Development Lead reporting to the Vice President of Research and Development in a fast-paced, highly successful, industry-leading online payday loan provider. Responsible for leading development, and driving system performance, with an emphasis on service quality, and revenue generation.

- Supervised development and maintenance efforts for CashNetUSA's primary website, web applications, and the internal customer and loan management portal used by our customer service and collections units.
- Contributed to architectural decisions, and managed and coordinated website deployments.
- Magnified company's national and international exposure and increased revenue through facilitation of licensing in new states such as Texas and Florida, as well as the launch of UK and Australian websites.
- Enlarged customer base and amplified corporate visibility by creating Spanish-language sister site.
- Accelerated team growth through technical staff recruiting, internship programs, and training initiatives.
- Lead internal development teams and external partners to drive development projects.

### **Team Lead - Orbitz Worldwide (Orbitz.com)**

*San Francisco, CA — Mar-2004 – Dec-2006*

Java, JBoss, Jini, J2EE, Spring, Oracle, MySQL, Ruby, Rails

Participated in Design, Development and Deployment high-availability, data-driven web property owned by Sears. Leading architecture design of new RESTful web services platform, and public APIs to allow Sears to propagate e-commerce functionality across web properties.

- Guiding development and deployment of mission-critical n-tiered, Rails-based Web Applications.
- Leading discovery, strategy planning, and implementation of Services Oriented Architecture from inception.
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## Integration Lead Specialist - CNA Insurance

*Chicago, IL — 2002 – 2004*

Java, J2EE, Struts, Visual Basic, Visual FoxPro, SQL Server, Sybase

Promoted to lead the Integration Team at the 7th largest commercial insurer in the U.S., spearheading the largest integration project CNA had ever undertaken at the time.

- Designed and lead the integration of mission-critical, third-party enterprise application into a legacy architecture that managed CNA's policy and financial systems.
- Oversaw the development of a web services platform that allowed collaboration of several information systems, and provided centralized enterprise services to several key web applications.
- Take turns with other lead developers leading iteration meetings and daily scrums.

## EDUCATION

### M.S. in Computer Science

Governors State University — 2001

### B.S. in Computer Science

Illinois Institute of Technology — 1999

## SKILLS

<b>Operating Systems:</b>	Linux (Ubuntu/Debian, RedHat), UNIX (Sun Solaris, AIX), Windows Server, Mac OS X
<b>Databases:</b>	PostgreSQL, MySQL, MongoDB, Redis, CouchDB, Oracle, SQL Server, Sybase, DB2
<b>Web/Application Servers:</b>	Nginx, Unicorn, Apache, Passenger, Lighttpd, Thin, Tomcat, JBoss, WebSphere, IIS
<b>Web Frameworks:</b>	Phoenix, Ruby On Rails, Sinatra, Node.js, Spring, J2EE, Django, Struts
<b>Programming Languages:</b>	<b>Elixir</b> ( <i>Phoenix, Erlang, Mix</i> ), <b>Ruby</b> ( <i>Rails, Sinatra, Rake, RubyGems, RVM, RSpec, Cucumber</i> ), <b>Javascript</b> ( <i>Ajax, jQuery, React, Node.js, Angular, Ember, Backbone, Knockout</i> ), <b>Java</b> ( <i>JBoss, EJB, JSP, Servlets, JINI, JMS, JNDI, JDBC, AspectJ/AOP</i> ), <b>Web/CSS</b> ( <i>HTML, XHTML, DHTML, CSS3, SCSS, Sass</i> ), <b>Services</b> ( <i>SOAP, RESTful, API's</i> )
<b>Special Interests:</b>	Web Services/APIs, Web Components, Agile Development, BDD/TDD, SCM, Release Management