

AARON RAMIREZ

aaron@aaronramirez.me | Kuala Lumpur, Malaysia

Summary

Full-stack software engineer with over 15 years of startup experience — 6 of those being in fintech as a remote employee. Specialization in building web applications that are highly available, responsive, and elastic. Has a love for the functional programming paradigm.

Skills

- Programming languages: Scala, Python, Java, Javascript, C#
- Terraform and CloudFormation
- AWS Lambdas (Python & NodeJS)
- Training in Reactive Architecture (Lightbend Academy)
- Scrum Master
- Container orchestration: Kubernetes, ECS
- Securing and managing PII data

Experience

- | | |
|----------------------------------|---|
| 02/2017 - Current | Staff Software Engineer |
| Solar Mosaic Inc.
Oakland, CA | <ul style="list-style-type: none">• Lead an engineering wide effort to develop and deploy five new services based on a Scala (Lagom) microservice framework.• Built a modern continuous delivery pipeline using Terraform, AWS CodePipeline, and Kubernetes.• Assisted in the effort for expanding offshore engineering capacity within Bangalore, India. |
| 09/2014 - 02/2017 | Freelance Software Engineer & Technical Writer |
| Self Employed | <ul style="list-style-type: none">• Automated the process for applying and removing property liens as part of Mosaic's loan management system.• Built a software solution for re-amortizing Mosaic's residential solar loans.• Provided technical documentation and copy writing services to various clients. |
| 08/2012 - 08/2014 | Sabbatical |
| Self Employed | <ul style="list-style-type: none">• Developed a paid SaaS application in the mnemonics space using Scala, Backbone JS, and Heroku. Spectacular failure as a business but a great learning experience.• Traveled to over 50 countries. |

- 03/2012 - 08/2012 **Lead Software Engineer**
Solar Mosaic Inc. Hired to build a highly available crowd-funding platform from the ground up, knowing in advance that I could only stay on the team for 6 short months. Successfully did so as part of development team consisting of 4 engineers.
Oakland, CA
- 01/2010 - 03/2012 **Lead Software Engineer**
Chegg Inc/
Cramster
Santa Clara, CA
Developed digital services that help students save time, save money, and study more effectively.
- Re-engineered a critical .NET web application to become a collection of service APIs. This allowed the same backend to be simultaneously used by two different frontend applications during Cramster's transition into Chegg.
 - Created a multi-node search service using the .NET Lucene library. Built within a few weeks and never experienced any downtime.
 - Engineered a data caching layer to improve application responsiveness and uptime.
- 06/2007 - 12/2009 **Software Engineer**
Demand Media Inc.
Santa Monica, CA
Worked on 6 .NET web applications, including eHow.com, ranked the 15th most popular website in the world at the time.
- Built a full fledged social networking platform within 3 months.
 - Within 10 months of joining the eHow.com engineering team of less than 6 developers, the website more than doubled its monthly revenue; becoming the company's most profitable property.
 - Successfully migrated millions of how-to videos into eHow.com, within a one-month time frame.
 - Responsible for writing, profiling, and optimizing SQL Server queries.
- 08/2005 - 06/2007 **Software Developer**
RealtyTrac Inc.
Irvine, CA
Back-end developer and UI specialist for a technology company ranked 53rd on the 2006 Inc. 500 list of fastest growing private companies.
- Developed web applications with extensive use of C#, SQL, Javascript, HTML, and CSS.
 - Help to scale an e-mail marketing campaign that involved over a million users.

Education and Training

- 06/2005 **Bachelor of Science** in Business Administration
Pomona
California State Polytechnic University
- Concentration in Computer Information Systems

Additional Information

A US citizen who holds a Malaysian visa that allows for legal employment under a US company. More details can be provided upon request.