

**Xavi Ramirez**  
xavi.rmz@gmail.com

*Github:* [github.com/xavi-](https://github.com/xavi-)  
*Stack Overflow:* [stackoverflow.com/users/53926/xavi](https://stackoverflow.com/users/53926/xavi)

---

## EXPERIENCE

### **Airbnb | Software Engineer (Infrastructure) | May 2019 to Current**

- Helped build and maintain the Thrift compiler and associated frameworks
- Created a Kubernetes sidecar that generated a GraphQL server from a Thrift file

### **Clever | Software Engineer (Infrastructure) | April 2015 to March 2019**

- Helped build and maintain systems for application deployments, logging, metrics, and alerting
- Primary owner of a docker based deployment system which launch applications on to Amazon ECS
- Design and tech lead a logging pipeline migration that allowed application side log routing and allowed us to make stronger guarantees about message delivery
- Migrated hundreds of workers to a new batch processing system which involved programmatically updating hundreds of docker files across while maintaining strict SLA's
- Created a modest slack bot called Jojo that pair employees for weekly coffee, which helped bolster several company initiatives around Radical Candor and Diversity & Inclusion

### **Baydin | Software Developer | September 2012 to March 2015**

- Used MutationObservers, CORS (cross-origin resource sharing), postMessage, and CSS3 to create a seamless user experience for the most successful browser extension for Gmail, Boomerang for Gmail.
- Lead developer for an Android email client called Boomerang for Android that allowed users to read, sent, and time shift emails for their Gmail and Exchange accounts
- Wrote an IMAP fetch response parser

### **Zynga | Software Developer | July 2011 to August 2012**

- Introduced novel game play mechanics in Actionscript and PHP to a code base of hundreds of thousand lines on very strict deadlines for Cityville — a top performing game at Zynga with 20+ million daily users
- Helped develop a mobile web app called Cityville Express by implementing RESTful endpoints to pre-existing Cityville server code as well as adding game mechanics to the app with HTML5 and Javascript
- Diagnosed and debugged production issues
- Implemented internal tools to help ease front end development

### **Novell, Inc. | Senior Software Developer | August 2009 to July 2011**

- Front end engineer on Vibe, a real time web application built for collaboration
- Implement several features such as drag and drop file uploads and a rich text editor using JavaScript, jQuery, and HTML5
- Helped build and maintained server side code that was written on top of the Scala Lift web framework
- Familiarized myself with Google Wave operational transforms protocol
- Used JSNI to expose JavaScript interface in GWT code

### **VistaPrint Limited | Senior Software Developer | January 2008 to July 2009**

- Debug and implement miscellaneous frontend and backend features in large (20+ million lines) code base across various programming languages: C#, VB.NET, SQL, JavaScript, CSS, and HTML
- Lead developer and maintainer of the Logo Tool (a web application which helps users create custom logos) and Design Wizard (a web application which lets users design documents with a step-by-step process and automatic text placement)
- Developed a Adobe Illustrator plug-in, written in C++, to help art designers create new logo content
- Submitted a US patent for creating dozens of variations from one logo icon

## PROGRAMMING

**Proficient in:** GoLang, JavaScript, CSS, HTML, Node.js

**Experience with:** Kotlin, Android, Java, Python, SQL, PHP, Scala, C#, C/C++, LUA, Bash Scripts, XML

## EDUCATION

**Massachusetts Institute of Technology | Cambridge, MA | 2007**