

## SUMMARY

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Building cool things and learning new technologies; Love working with people with similar interests; Trying to further my knowledge everyday.

I scripted in applications that focused on parametric solutions on various projects and installations. I became more interested in the internal workings of software. From there on it opened a door of curiosity to my life-long journey to understand and learn about software engineering.

Also a VIM guy.

## SKILLS

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### Languages:

- > Ruby
- > JavaScript ES6
- > HTML5 & CSS3
- > Python
- > Elixir
- > Go Lang
- > Java
- > Processing

### Testing:

- > Rspec
- > Jasmine
- > Capybara

### Version Control:

- > Git - Github / BitBucket

### Frameworks and Libraries:

- > Ruby on Rails
- > React JS
- > GreenSock Animation
- > Bootstrap / Material UI
- > Node JS
- > Android

### Databases:

- > SQL (Postgres, MySql, SQLite)
- > MongoDB

### Tools:

- > Heroku
- > Amazon Web Services
- > Jenkins (Continuous Integration)
- > Chef

### Designing/Visualization:

- > Adobe Photoshop
- > Adobe Illustrator

## EXPERIENCE

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### Senior Software Engineer

Dec '16 – Present

*Vibes Media Inc*

- Created full-stack applications using Ruby on Rails, Postgres, Sidekiq, Redis deployed on services from Heroku, chef managed servers to Dockerized containers on Amazon Elastic Container Service (ECS)
- Worked on high traffic programs/experiences for brands like Chipotle, Redbox and PetSmart, which at some point had over 100,000 requests per minute.
- Architected service oriented applications providing highly testable and configurable solutions for over 30 applications from project requirements to deployment.
- Created various ETL pipelines, RESTful services and JSON APIs for client side services.
- Built internal tools for automating workflows using batch scripts and cron jobs on servers, building Command Line Applications, Electron based Desktop apps and small web utilities.
- Incorporated third-party services like Exact Target, Eprize.do and Salesforce integration into ongoing and new applications.

### Software Engineer

Feb '16 – Dec '16

*ExtendMed Inc*

- Responsible for designing and developing highly distributed Ruby on Rails web applications with interactive User Interface built on ReactJS
- Designing Front End UI using MaterialUI and Flexbox
- Deploying applications using Amazon Web Services, working with EC2 instances with storage hosting on S3 buckets
- Collaborate with Product Managers and User Experience experts regarding product definition, schedule, scope and project related decisions.

### Software Engineer

Dec '14 – Feb '16

*ContextMedia Inc*

- Deployed, implemented various features and bug fixes on Android applications
- Worked on HTML, CSS, JS, Flash (SWF) assets on our Android Platform
- Designed various tools automating tasks using Ruby scripts delivering data to Amazon Web Services
- Developed on Ruby on Rails Management suite.

## **Phase 0 Guide Instructor**

Sep '14 – Feb '15

*Dev Bootcamp*

- Taught various topics including workflow with Git and Github, Basic overview of HTML and CSS, Introduction to Ruby with Algorithms and Object Oriented Design and working with SQL and Databases
- Emphasized cultural aspects of pair programming
- Scheduled Guided Pairing Sessions, Office Hours and Tutoring Sessions for students
- Assessed students on assignments, exercises and conducting Code Reviews addressing their strengths and weaknesses

## **System & Facilities Administrator**

Jun '12 – Jun '13

*Al Rawi Group*

- Principal head of CAD/CAM Technologies in the company
- Deployed and implemented cloud based database for engineering drawings.
- Wrote and designed documentation for project submittals
- Initiated and authorized new policies, procedures and administration guidelines for smoother workflow
- Organized and monitored performance evaluations of employees and staff

## **EDUCATION**

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### **Masters of Science in Computer Science**

*Georgia Tech*

- CS 7637 Knowledge-Based Artificial Intelligence
- CS 6300 Software Development Process
- CS 7638 Artificial Intelligence for Robotics
- CSE 6242 Data and Visual Analytics
- CS 6601 Artificial Intelligence
- CS 6460 Educational Technology
- CS 7646 Machine Learning for Trading
- CS 6035 Introduction to Information Security

### **Bachelor in Architecture**

***Focus in Parametric & Computational Design***

- Created installations and models based on the parametrically programmed designs
- Designed and scripted in Rhinoceros 3D, Autodesk 3Ds Max and Autodesk Maya
- Worked extensively BIM (Building Information Modeling in Autodesk Revit)
- Designed, wrote specifications, created construction documents, structural and working drawings for over 15 projects for housing and shopping complexes, resorts and recreational parks