



Rishi Bommu

798 Alston Court, Fremont CA 

(408)-583-7271 

rishims3@yahoo.com 

<https://www.linkedin.com/in/rishibommu/> 

<https://github.com/Rishi333> 

Hello World, Senior Software Developer with a passion for building anything and everything. There isn't a domain I am not curious about nor a new technology that I can't pick up. On my free time, I am building or tinkering with a new hardware or software project. My recent few have been renovating 1986 Pinnacle RV and building a Retro-Pi Linux system. I am also a Professional Magician from time to time!

Education

GRADUATED : SPRING 2016

B.S. Computer Science / San Jose State University

- **3.89/4 Major GPA**
- **Summa Cum Laude**, Graduated with **Honors** in Major and University
- Cisco **Scholarship**. Accelerated Graduation at only three years, **Distinction** in Major.

GRADUATED : SPRING 2016

Minor in Mathematics and Minor in Humanities

- Distinction in Math Research. With two published papers.
- Humanities Salzburg Scholar – distinction/scholarship to study Matters of Humanity in Europe
- Humanities Honors Program

Experience:

Software Developer / Proofpoint, Sunnyvale CA

Acronym Key– CQS = Cloud Quarantine Service

JUNE 2017 – PRESENT

Messaging Intelligence Service Team

- **Java Developer** for Multiple Micro Services related to Messaging Intelligence Service
- CQS Europe Deployment- Leading Deployment of CQS for Europe- **GDPR** is fun
- Developing CQS infrastructure to **Kubernetes** as we transition to the container model

JANUARY 2018 – MAY 2018

Cloud End-User Web Team

- Took Ownership of CQS work from Dev-QA-Ops. Servicing **2 Billion Emails** at any time
- Focused Work on understanding **CI/CD** Pipeline and Automated Testing- **Rspec** and **Jenkins**
- Developed New Backend **REST API** for new Cloud End User Experience as a **Java Developer**
- Ability to translate business requirement to technical solutions with Best Engineering Practices

MAY 2017 –DECEMBER 2017

Cloud Services Team

- Deployed Product ->ELK Service- Log Search Service for Various Proofpoint Applications. Knowledge Working with **Kibana, Elasticsearch, Logstash**
- Worked on automating all Manual tasks related to CQS as we transitioned to Production- Knowledge Using – **Ansible, Rundeck, Ruby, Linux, Bash**
- Experience with designing **multi-threaded, scalable, secure, and high performance** distributed applications.

JULY 2016 –APRIL 2017

Zapp Services Team

- Joined as a **Java Developer Full Time** in Product Development for CQS
- Experience working with various Java Frameworks/plugins-> **Json, Guice, Docker**
- Developed Infrastructure Management of CQS through **Puppet**
- Wrote the Foundation of a **Cloud-Scale, Multi-Tenant Search and Data Store in Java**
- Deep knowledge working with **Cassandra, Elasticsearch, Zookeeper, Kafka**- can Resolve Problems from Production to Development

Software Developer Intern / Proofpoint, Sunnyvale CA

JUNE 2015 –AUGUST 2015

Privacy Team

- Joined as a **Java Developer Intern** in Product Development for Secure Mail
- Core Foundation building Cassandra Stores using Java, Thrift and REST API

AUGUST 2016 – DECEMBER 2016

Public Emails / Lead Generation Software

- Self-made Lead Generation solution for finding emails for specific niche content markets
- Experience Writing Full Stack Deployments with **Ruby** and **MySQL**.
- Scaled Software to collect 12,000 leads a day in specific market sectors.

JULY 2016 – SEPTEMBER 2016

AI Twitter Bot/ Simple Rishi

- **Ruby** based Artificial Intelligence Service, Fully Deployed Service in **AWS**
- System learns and replies to Users on Twitter
- Source Code - <https://magic.rishishop.com/docs/simpleRishi/>

JANUARY 2016 – JUNE 2016

Visual Programming Languages/ SJSU Science Research Fund

- **Java** and **Ruby** based Compiler of Visual Programming
- Research in understanding how programming can be done through a visual interface
- Research Paper - <https://magic.rishishop.com/docs/visualProgrammingLanguages/>

JANUARY 2015 – JUNE 2015

Volkswagen 3D Feature Detection Researcher/ SJSU, CAMCOS

- Non-Disclosure Agreement
- Competent with various Video Processing Algorithms

- Profound Knowledge in Machine Learning Algorithms
- Support Vector Machines and Neural Networks
- Research Paper - <https://magic.rishishop.com/docs/visualDetectionResearch/>

AUGUST 2014 – DECEMBER 2014

Math Origami Research Programmer / SJSU, CAMCOS

- Research in the understanding of folded and connected states in 2D Structures
- Experience in creating programs to replicate folded states Permutations
- Research Paper - <https://magic.rishishop.com/docs/mathOrigamiResearch/>

AUGUST 2007 - JUNE 2009

Game Programmer/ Entrepreneur

- Experience writing Games in Java from scratch with **Physics, Animation, Sound**, and Joy
- Game Link - <https://magic.rishishop.com/docs/theGreatGame/>

JANUARY 2012 – DECEMBER 2012

Bitcoin Server Self-Built/ Linux Administration Research

- Skills in understanding **p2p connections** and **Network workflows**.
- Capability to debug Linux issues with over 8 years in experience
- Research Paper - <https://magic.rishishop.com/docs/bitcoin/>

JANUARY 2012 – DECEMBER 2012

IOS application Publication/ Rusher

- Self Studied Objective-C/C coding and Apple IOS SDK
- Created user UI and application from ground up- Back End and Front End
- Finished Product- Rusher- GPS application that intertwines Internet searching and a GPS
- Published Application with over 2000 downloads

OCTOBER 2010 – PRESENT

Professional Magician/ Close-Up Magic

- Performed the art of magic for various charity shows and organizations.
- Performed charity shows in India for underprivileged schools
- Performed entertainment for Corporations such as Cisco and Washington Hospital
- Gained valuable business experience in working own business and providing entertainment
- Professional site- <https://magic.rishishop.com>

AUGUST 2007 - JUNE 2009

Simply Gum/ Entrepreneur

- I am a self-made entrepreneur since middle school- Gum was always the biggest attraction.
- I was selling various Condiments you can find at local grocery stores to students in my school.

EOF- End Of File

If you got to this section, I might be a good fit for your technology needs! Feel free to send me a chat/email/call with the information provided at the top of this Resume!