

# Harini Balakrishnan

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**OBJECTIVE:** Targeting full-time Software Engineer Role

## EDUCATION

**Master of Science, Software Engineering, San Jose State University** May 2019

**Courses:** Cloud Technologies, DevOps, Agile methodologies CGPA: **3.73/4.0**

**Bachelor of Technology, Information Technology, Anna University** May 2014

**Courses:** Data Structures and Algorithms, OOP, SDLC CGPA: **3.63/4.0**

## WORK EXPERIENCE

*3 years of programming experience*

**Software Engineering Intern** in Grabit Inc, Sunnyvale May 2018 - August 2018

- Worked in a team responsible for building robotic conveyers to handle packages
- Developed dashboards with continuous monitoring and alerting service in node.js
- Fully automated and managed large streams of realtime sensor data using Python

## ACADEMIC PROJECTS

**EZmenutouch** [Code](#)

*Fall 2017*

- Developed a RESTful SaaS cloud application to provide virtual dine-in experience
- Reduced latency by 50% using load-balancer and secured content delivery network

**Tech stack:** Java, AWS ECS, ELB, S3, PostgreSQL, API gateway, Lambda, SNS, R53

**S3URL** [Code](#)

*Spring 2018*

- Built containerized URL shortener web application with the CI/CD pipeline
- Monitored cluster-wise storage, CPU usage and Memory usage with alerting engine

**Tech stack:** Bootstrap, GCP, Docker, Kubernetes, ELK, Prometheus, Grafana, Jenkins

## ACCOMPLISHMENTS

- **Won First Prize** from **IBM** and **won the best hardware project award** from **Sierra Circuits** for building disaster resilient IoT project in the Call for Code Hackathon'18
- **AWS Certified Cloud Practitioner** - License no: F0JH3PV22M4E1HST, January'18
- Trained **Full Stack Web Developer** from Dev Bootcamp at San Francisco in May'17
- **Published** a research paper on **Visual Acuity Test** in IJSCAI-IRAJ journal on May'14

## SKILLS

**Languages:** Java, Python, Ruby, JavaScript

**OS Platforms:** Linux, Unix, Mac, Windows

**Web Frameworks:** Angular, Spring, Rails

**Databases:** MySQL, SQLite, DynamoDB

**Methodologies:** Agile, Scrum, Kanban

**Mobile Technology:** Android, iOS

**Cloud Technologies:** AWS, GCP

**Version Control:** GitHub, Git, SVN

**Automation:** Maven, Jenkins, Ansible

**Servers:** Apache Tomcat, Nginx