

Harini Balakrishnan

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OBJECTIVE: Targeting full-time Software Engineer Role

SUMMARY

- Upcoming graduate with strong foundation in Cloud Technologies, DevOps and CICD pipeline
- Experienced Developer with ability to work independently and harmoniously with a team

EDUCATION

Master of Science, Software Engineering, San Jose State University Aug 2017 - May 2019
Courses: Cloud Technologies, DevOps, Machine Learning **GPA: 3.73/4.0**

Bachelor of Technology, Information Technology, Anna University Aug 2010 - May 2014
Courses: Data Structures, Algorithms, Computer Architecture **GPA: 3.63/4.0**

WORK EXPERIENCE

2+ years' of software development experience

Software Engineering Intern in Grabit Inc, Sunnyvale May 2018 - July 2018

- Worked in a team responsible for building robotic conveyers to handle packages at FedEx
- Led a team to build dashboards with continuous monitoring and alerting service in NodeJS
- Securely managed large streams of real-time sensor data and fully automated data analytics

Software Engineer, AX in CEM business Solutions, India November 2013 - July 2015

- Contributed analyzing, designing, developing and testing the Dynamics AX ERP software
- Responsible for CRP Demos, system analysis, software customization and go-live support

ACADEMIC PROJECTS

EZmenutouch [Code](#) Fall 2017

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

Tech stack: Angular4, Java, AWS ECS, ELB, S3, PostgreSQL, API gateway, Lambda, SNS

S3URL [Code](#) Spring 2018

- Built containerized URL shortener website with the continuous integration and deployment
- Monitored cluster-wise storage, traffic, CPU and Memory usage with the alerting engine

Tech stack: Java, Go, GCP, Docker, Kubernetes, ELK stack, Prometheus, Grafana, Jenkins

ACCOMPLISHMENTS

- **Won First Prize and the best hardware project award** in the Call for Code Hackathon ([Link](#))
- **Published** a research paper on **Visual Acuity Test** ([Link](#)) in IJSCAI-IRAJ journal in May'14
- Certified **Cloud Practitioner** by AWS in January'18 with License no: F0JH3PV22M4E1HST
- Finished 5 months **Full Stack Web Development** training from Dev Bootcamp in May 2017

SKILLS

Languages: Java, Python, Ruby, JavaScript

OS Platforms: Linux, Unix, Mac, Windows

Web Frameworks: Angular, Spring, Rails

Databases: MySQL, SQLite, DynamoDB

Servers: Apache Tomcat, Nginx, Glassfish

Mobile Technologies: Android, iOS

Cloud Technologies: GCP, AWS

Version Control: GitHub, Git, SVN

Tools: Maven, Jenkins, Tableau, Travis

Methodologies: Agile, Scrum, Kanban