**Ikshaku Goswami**

San Jose, CA 95110 | (669) 292-7913 | ikshaku.goswami@gmail.com | [LinkedIn](https://www.linkedin.com/in/ikshaku/)

# EDUCATION

**Master of Science, Computer Science** Aug 2021 - Dec 2023(Expected)

San Jose State University, San Jose, CA, *GPA 3.6*

**Relevant Coursework:** Algorithms, Network Management, Big Data Using Machine Learning, NoSQL DB Systems

**Bachelor of Technology, Computer Science** **Engineering** May 2019 Vellore Institute of Technology, Vellore, India*, GPA 3.9*

# SKILLS

**Languages:** Java, JavaScript, C/C++, Python, SQL, Bash, Groovy

**Web Technology:** Flask, MongoDB, Express, Cassandra, NodeJS, AWS (EC2, ECS, RDS, VPC, ELB, IAM), Apache

**Data Engineering:** Hadoop, HBase, MapReduce

**DevOps:**  Jenkins, Docker, AWS, Artifactory, GCP, Terraform, Grafana, Splunk, Linux, GitHub, Snyk, Kubernetes

# EXPERIENCE

**Software Intern**, Autodesk, San Francisco May 2022 – May 2023

* Developed an automation service using **AWS** **Lambda**, **CloudFront**, **EC2**, **Route53**, to update latest secured AMI’s for customer facing applications, hardening security standards, and saving over 100 engineering hours
* Built automation pipelines to capture RTO/RPO metrics in **Cloudwatch**; created Cloudwatch alarms and **Grafana** dashboards; improving the monitoring and observability of applications
* Developed an automation framework to periodically rotate 100+ service user credentials, by integrating multiple **REST/SOAP** web-services, reducing manual effort by 85%
* Tools used – **AWS** (**CDK**, **CloudFormation**, **CloudWatch**, **Lambda**, **S3**, **SQS**, **Secrets** **Manager**), **Jenkins**, **Terraform**

**Software Engineer**, Oracle Cerner, Bangalore April 2019 – April 2021

* Created and maintained **Chef** cookbooks; established new **CI/CD** pipelines using **GitHub**, **Jenkins**, **Docker,** and **OpenStack** reducing software delivery time and human errors by 75%
* Automated **Server** **Preparation** and **Configuration** of Business Intelligence solutions; integrated **Fortify** and **OWASP** **vulnerability** checks for critical healthcare solutions; resolved critical vulnerabilities in 10% of source-code
* Tools used – **Chef suite, PowerShell, Java, GitHub, Jenkins, Docker, OpenStack**

**Software Intern**, Oracle Cerner, Bangalore, India Dec 2018 – April 2019

* Upgraded a desktop-based patient reporting app to web based improving scalability and access by 20x
* Tools used –**NodeJS**, **PostgreSQL**, **Discern** **Visual** **Developer**, **Cerner** **CCL**(internal tool based on SQL for querying)

## PROJECTS

Master’s Project **NLP, AWS (Lambda, API Gateway, SAM, ECR), Docker, GCP** May 2023

Built and analyzed various deployment techniques of a serverless ML app to detect real-time crisis events

Food Delivery App **NodeJS, MongoDB, Express, Passport, Stripe** June 2022

Developed a full stack app to order and track food delivery