SHUBHAM SHARMA

Sunnyvale, CA, 94086   shubhamsharma1646@gmail.com   (857)-241-0894
linkedin.com/in/shub1646   www.sharmashubh.com   github.com/shubh1646

EDUCATION

Northeastern University, Boston, MA   Dec 2020
Master of Science in Computer Software Engineering
Relevant Courses : Algorithms & Data Structures, Smartphone iOS, Web Development, Cloud Computing

Jaypee Institute of Information Technology, Noida, India   June 2017
Bachelor of Technology in Electronics and Communication

TECHNICAL SKILLS

Programming Language: Java, Python, Javascript, Swift
Frameworks: Node.js, Express.js, React, Spring Boot, Hibernate, Flask, Vue.js, MVC
Databases: MySql, MongoDB (No SQL), Redis, Elasticsearch, DynamoDB
Cloud Technologies: AWS, Docker, Kubernetes
Automation/Testing :   Ansible CircleCI, Jenkins, Chai, mocha, nyc, Junit, Jmeter, GitHub
Others: Maven, REST, JSON, YAML, OOPS Design Patterns, Linux, Algorithms

EXPERIENCE

Intuit, Mountain View, CA (Software developer-Full Stack)   March 2021 - Present
· Designed, developed and maintain reusable react widget used by agents to service quickbooks customers
· Developed and maintain lambda functions in AWS responsible for handling billing services
· Deployed a Kafka consumer instances on Kubernetes cluster and monitored them using Wavefront and splunk Dashboards

Alkermes Inc, Waltham, MA (R&D Software Developer Co-op)   Aug 2019 - Dec 2019
· Redesigned python flask file upload application and migrated it to AWS cloud infrastructure
· Implemented a S3 triggered lambda service for copying files from s3 and write it to oracle database
· Designed data pipelines and automation solutions by creating RESTful micro services using python flask, SQL, docker and AWS.
· Collaborated with engineers and scientist to develop in-house software and data solutions

ACADEMIC PROJECTS

Cluster Orchestration | (Kubernetes, Docker, Jenkins, Ansible, AWS)   Jan 2020 - May 2020
· Designed and build highly available and reliable stateful and stateless application using AWS and kubernetes
· Implemented CI/CD of containerized application to Kubernetes using Jenkins
· Deployed and administered a highly available auto-scaling Kubernetes cluster using Ansible playbook
· Deployed Prometheus for metrics and Elasticsearch, Fluentd and Kibana for logging using Helm charts

Cloud Spring Boot Cloud App | (**AWS, Spring Boot, JAVA, Circle CI)**   June 2019 - July 2019
· Automated creation of AWS resource via cloudformation to host Rest API's written in java using Spring Boot
· Integrated services like Dynamo DB,AWS RDS, AWS lambda, cloud watch, SNS, SES
· Implemented CI/CD pipeline using CircleCI and AWS Codedeploy and maintained logs and metrics on AWS CloudWatch
· Set up auto scaling and load balancing for application to scale dynamically based on incoming traffic

Draw It Out *(personal)* **| (Node.js, socket.io, javascript, Canvas, AWS, ELK Stack)**
· Created a real time white board web based application using node and socket.io which allowed multiple user to chat, draw and collaborate in real time from geographically diverse locations

ACHIEVEMENTS & CERTIFICATIONS

Hackathons Won : MIT Hack For Inclusion 2019, Cybershiriti 2017
Certifications :   Certified Kubernetes Application Developer (CKAD), AWS Certified Cloud Practitioner