

Sai Venkata Reddy Mallela

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EDUCATION

SRM UNIVERSITY

BACHELOR OF TECHNOLOGY(B.TECH) COMPUTER SCIENCE

September 2015 - 2019 | Chennai, India

Classification: First Class

DESCRIPTION

JAVA DEVELOPER

- A Bachelor's degree in computer Science.
- 2 years of experience building enterprise applications using JAVA.
- Experience developing cloud based systems(AWS).
- Strong exposure in developing multi-threaded Applications.
- Expert in RDBMS like MySQL, Oracle SQL and NoSQL databases like MongoDB.
- Solid understanding of GIT & GitHub.

EXPERIENCE

TATA CONSULTANCY SERVICES | SOFTWARE ENGINEER

Apr 2021 - Present | Bangalore, India

- Designed, built and maintained java based application for my client Johnson & Johnson.
- Developed well-designed, efficient and testable codes.
- Conducted software analysis, programming testing and debugging.
- Preparing and producing releases of software components.
- Worked on infrastructure provisioning tools like Terraform.
- Works on different AWS services for compute, network, content delivery, containers, serverless, storage, databases, monitoring.
- Sets up Maven on Build servers, Tomcat on application servers, Jenkins on host servers.
- Integrate Git with Jenkins, which triggers the Jenkins jobs.
- Integrate Jenkins with Maven plugins to build the pulled code from git.
- Write Docker files to generate docker containers in Docker hosts.
- Maintaining and bug-fixing on existing application and infrastructure.
- Responsible to create builds and deployments.
- Integrate Jenkins with Ansible to perform patches.
- Containers orchestration system for automating software deployment, scaling, and management using Kubernetes.
- Created branches, tags and managed/administrated GIT, GitHub.

PROJECTS

TEXTCONVERT | JAVA, HTML, CSS, JAVASCRIPT, AWS CLOUD

MAR 2018

- TextConvert is a web application used to convert the one format of text to another format.
- Researched and found multiple third party APIs to accomplish our objectives and integrated it into our application by building a pipeline to move information efficiently.
- The whole end to end solution is deployed on the AWS cloud and can be accessed on any social messaging service.

SKILLS

PROGRAMMING

Over 5000 lines:

Java • Spring • JDBC • Spring MVC

• Algorithms • Search Algorithms

• Optimization Algorithms

• Graph Algorithms • C • Terraform

Over 1000 lines:

Docker • HTML • CSS • Oracle SQL

Python • JavaScript

Familiar:

Java • Data Structures • SQL • Shell

VCS & BUILD TOOLS

Git • Maven • Jenkins • Github Actions

CLOUD SERVICES

AWS EC2 • AWS CodePipeline • AWS

IAM • AWS VPC

MONITORING

AWS Cloud Watch.

CONTAINERIZATION

Docker • Kubernetes.

INFRA PROVISIONING

Terraform • AWS CloudFormation

APPLICATION SERVER

Apache Tomcat • Nginx

OPERATING SYSTEM

Amazon Linux • Ubuntu • CentOS

Windows

CODE EDITORS

VS Code • Atom • Vim • Eclipse

AWARDS

2021 Best Team Award

2021 TCS Gems Award

2015 SciFreak Award

2013 Oxford Math Day Olympiad

COURSEWORK

- Full Stack by Scaler
- HLD & LLD
- Algorithms and Data Structures
- CI/CD Pipelines
- Jenkins
- Linux
- Shell Scripting
- OOPS Programming

ACTIVITIES

Competitive coding

Freelancing

Curious Coding Community

University Code Society

Rotary Club

NSS