Uddeshya verma

Systems Engineer

Email
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Mobile
7355548542

Total work experience
2 Years 4 Months

Social Link
https://uddeshya-ud.github.io/

About me

BTech Graduate | Systems Engineer in TCS | Part of a DevOps Team | Backend Developer

Core Competencies

Java
★★★★★

SpringBoot
★★★★★

Python
★★★★★

Golang
★★★

AWS
★★★★

React.Js
★★★★

SQL
★★★★★

Docker
★★★

Kubernetes
★★★★

Javascript
★★★★★

HTML
★★★★★

CSS
★★★★

GIT
★★★★★

NodeJs
★★★★

Profile Summary

Experienced software developer with over 2 years of expertise in **Java, SpringBoot, JavaScript, Python, NodeJs, ReactJS, MySQL, REDIS,** and experience with **GIT, AWS, Kubernetes, Docker, Testing, and Documentation**. Recognized for strong problem-solving skills and adaptability.

Education

2020
B.Tech/B.E.
Pranveer Singh Institute of Technology, Kanpur
68%

2016
12th,
CBSE, English
60-64.9%

2014
10th,
CBSE, English
75-79.9%

Work Experience

2021 - Present
Systems Engineer
TATA CONSULTANCY SERVICES (TCS)

BTech Graduate | Systems Engineer in TCS | Part of the DevOps Team

Projects

1 Months
Personal Portfolio websites

These are my personal portfolio websites created using HTML , CSS , Javascript, Bootstrap and ReactJs
1. https://uddeshya-ud.github.io/

2. https://uddeshya-ud.github.io/PF2/
3. https://Uddeshya-UD.github.io/Game
4. https://uddeshya-ud-reactapp.netlify.app [React]

24 Months

Load Testing Platform

- This project provides a Load Testing as a Service platform to schedule and orchestrate tests across multiple worker agents or clients.
- My responsibilities included working on the server-side REST API, creating complex SQL queries to fetch data from the database, developing a MockMVC test framework for testing the project's REST API and implementing an interface for providing Redis Cache as a secondary data source using a switch variable.

Technologies Used:
1. Java
2. Spring Boot
3. SQL
4. MockMVC (Testing framework)
5. Redis Cache
6. Kubernetes
7. Ehcache - Terracotta Server Replication

7 Months

AWS Based Automated Alert System

- This project is a subset of Load Testing Platform Project and is an AWS-Based monitoring automated alert system that will monitor the health of AWS-related resources, specifically EC2 and EKS. It will Create / Resolve tickets when an issue occurs.
- Created the Python Lambda function to automate the Creation and Resolution process of Tickets and configuring the AWS Services like SNS , DynamoDB.
- **AWS TECHOLOGIES USED** :
1. DynamoDB
2. Simple Notification Service [SNS]
3. Lambda - Python Language
4. Cloudwatch
5. CloudFormation

4 Months

CLI - Secrets Management Interface

- It is a tool to securely encrypt/decrypt files and also provides a Secrets Management Interface.
- Worked on adding the functions in an existing Project CLI using Golang

Language.

Courses & Certifications

- Core Java - RCPL India [Summer Training]
- Python - HackerRank
- SQL - HackerRank

Achievements

Cleared Digital Exam - TCS

Training - AWS Certified Developer

Training - AWS Certified Solutions Architect

Python - Hackerrank - 6 Stars

SQL - Hackerrank - 4 Stars