Uday

Email: udaysrivastava0@gmail.com Linkedin: linkedin.com/in/uday-u-08956617b Github: github.com/udaybuilds
Leetcode : https://leetcode.com/u/udaysrivastava0/ Mobile: +918004224654

EDUCATION

Bachelor of Engineering - Computer Science; GPA: 8.7
Nitte Meenakshi Institute Of Technology

SKILLS SUMMARY

Data Structures , Algorithms , CS Fundamentals , Python3 , C++ , JavaScript , SQL , HTML , Groovy, Terraform , Azure DevOps , AWS , Jenkins , Git , Docker, Sonar , Agile Development , Team Player , Leadership, Problem Solving , Jira , Identity and Access Management , Grafana ,Dtrack ,SBOM , Kuberenetes

EXPERIENCE

Unisys India   Since Sep 2021
Software Development Engineer

DevOps Automation For Authentication Product (NTSI):
- Developed a robust and efficient pipeline over Jenkins incorporating SonarQube integration to include static code analysis for detecting security vulnerabilities .
- Developed bat and powershell scripts to trigger automated MSBuilds of 13 different product components. Utilized AWS ECR for Image storage and exportation to different agents for different CI/CD stages .
- Decreased the development and testing time by 86% , increasing the delivery efficiency of the product by 4**0% .**

Automation of Web Transaction Server :
- Developed YAML pipeline on Azure Devops for incorporating different stages of delivery and integration of Windows Admin Utility of Web Transaction Server .
- Utilized Azure Repos , Azure Artifacts for maintaining source code and build artifacts for the product .
- Pipeline stages for performing docker image creation and its transportation to required agents were incorporated .
- Release pipeline were developed utilizing the Terraform scripts for configuring Testing and Deployment infrastructure .
- Grafana was utilized as a monitoring tool .
- It packaged and pushed the application container into AWS ECR. This increased the product's delivery efficiency by 45% .
- Ongoing development of a React based Web Application for the Administration of the Server which is being deployed on Azure Kubernetes Services

SonarQube Plugin Development for UC :
- Lead a team of 3 developers in the design and architecture of a Maven based Java project for SonarQube Plugin Development for Unisys C language .
- Successfully created the plugin which included 5 Java modules spanning from laguage parser , language analyzer and grammar for the same . It included development of 40+ Bugs and vulnerabilities using SSLR java library .
- This helped static code analysis of 15000 lines of code spanning over 4 products . This was recognized and appreciated by global Unisys management .

Product Owner of Web Transaction Server :
- Web Transaction server is the Server hosted on the OS 2200 environment of Unisys.
- Used to internally maintain product's information and performing TIP based database transaction from Web based Forms in client environment .
- Resolved 8 bugs and added 13 new UI components to the product, including bug related to allowing a special character in url Parsing .
- This gained me exposure to web related technologies like javascript , CSS , HTML . The server on OS2200 environment utilized in house C++ libraries .
- Resolved Client raised A priority bugs for Windows Admin component which was used to administer the server .

Unisys India
 Internship   Jan 2021 - Sep 2021

Digital Platform for ClearPath Forward :
- Created a Web Application hosted over AWS S3 , utilizing 3 API gateway to trigger AWS lambda functions written in Python .
- Incorporated 2- Factor Authentication by generating OTP for user verification . Performed transaction over dynamoDB Database and sent the transaction details to user details fetched from Unisys OS2200 systems , using AWS SES.

CERTIFICATIONS
- **AWS Cloud Practitioner -** Achieved AWS certification of Cloud Practitioner in March 2024
- **NPTEL Certification for Design and Analysis of Algorithms** - Elite Certification in Nov 2018