Hemanth Rachapalli

DevOps Engineer

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GitHub | **Linkedin** | **LeetCode**

EDUCATION

Lovely Professional University   Phagwara, IN
B.Tech Computer Science   June 2020 - Present
CGPA: 7.53

BIIT Acadmey   Guntur
Intermideate MPC   Jun 2018 - May 2020
Percentage: 93%

EXPERIENCE

Coding Spoon | Devops and Cloud Intern   Jalandhar | Jan 2023 - Feb 2023
- Learnt and worked on Devops tools like Docker,Jenkins.
- Exposure to cloud services(AWS/GCP) and their implemtation .
- Brushed konwledge on Network and Security Fundamentals
- Gained hands-on experience with the technologies like linux, docker, Kubernetes and AWS

SKILLS

Programming Languages:	Java, Python, R Programming, Shell Scripting
Libraries/Frameworks:	Linux, VMWare, GitBash, Putty
Tools / Platforms:	Docker, Jenkins, AWS/GCP, Jupyter, Git, Kubernetes, Maven
Databases:	SQL, MS Excel, Tableau

PROJECTS / OPEN-SOURCE

CI/CD Pipeline of spring-boot-app | Link   *Jenkins, AWS, Maven, ArgoCD, K8, sonarqube, docker*
- Implemented a streamlined CI/CD pipeline to enhance the software development and deployment
- The project leverages Jenkins, a popular CI tool, to automate the build, test, and integration processes of Java applications. Using Maven, the project manages dependencies and builds the application
- SonarQube is integrated into the pipeline to analyze code quality standards. It performs static code analysis, This enhances the overall code quality and ensures secure code implementation.
- Deployment with Kubernetes applications using Kubernetes, a powerful container orchestration tool ensuring smoother and version-controlled application releases

AWS S3 Event Triggering Implementation | Link   *AWS S3, Lambda, SNS, IAM, Shell Scripting*
- Implemented AWS S3 event triggering using AWS Lambda.
- Configured event notifications for object creation, deletion, and modification.
- Improved system efficiency and integration with AWS S3.
- Streamlined operations and enhanced automation within the AWS ecosystem.

Static Website Hosting using HTTP | Link   *AWS, GitHub, Apache, IAM, AWS Route 53*
- Simple implementation for hosting static websites.
- Basic HTTP server for serving HTML, CSS, JavaScript, and image files.
- Cost-effective solution for personal websites, project demos, etc.
- Upgraded IP to DNS using AWS Route 53 for improved accessibility and domain mapping.

CERTIFICATIONS

- DevOps on AWS: - **Coursera**
- SQL for Data Analysis - **LinkedIn E-Learn**

HONORS & AWARDS

- Selected to NTSE (Level 2) at Higher School Level
- Data Science badge(DS010EN) in IBM Cognitive learning.
- Attended Azure Masterclass and earned beginner badges($AZ-900, AZ-104$)