**N Chaitanya Kumar Reddy**

Email id: chaitanyanasipi@gmail.com

Mobile Number: +919705597603

SUMMARY

* 2.3+ years of experience as a DevOps Engineer with hands-on expertise in managing and automating CI/CD pipelines.
* Proficient in cloud platforms, with strong knowledge of **Microsoft Azure** services, including Azure DevOps, CLI, and Terraform-based infrastructure automation.
* Adept at containerization and orchestration using **Docker** and **Kubernetes**.
* Skilled in configuring, managing, and monitoring cloud infrastructure with tools like **Prometheus** and **Grafana**.
* Experienced in integrating various CI/CD tools such as **Jenkins**, **GitHub Actions**, and **Artifactory** to streamline builds and deployments.
* Solid coding and scripting skills using SQL, Python, .Net and Bash for automation and development.
* Competent in Agile principles such as sprint planning, daily scrums, and release planning.

TECHNICAL EXPERTISE

**Cloud Platforms**: Microsoft Azure, AWS

**IaC & Automation**: Terraform, Azure CLI, Ansible

**CI/CD Tools**: Jenkins, GitHub Actions, GitLab, Nexus Artifactory

**Containers**: Docker, Kubernetes

**Monitoring Tools**: Prometheus, Grafana

**Programming Languages**: Python, Bash, .Net

**Version Control**: Git, Bitbucket, GitHub

**Other Tools**: Postman, JIRA, Service Now

**WORK EXPERIENCE**

**LTIMindtree – Chennai**

**Software Engineer   
 June 2024 – Present**

* Managed and Supporting **14 applications**, including custom .NET-based applications, ensuring smooth functionality and maintenance.
* Enhanced **CI/CD pipelines** using **GitHub Actions**, **Jenkins**, and **GitLab CI** to improve deployment efficiency.
* Automated deployments for **Dev, UAT, and QA environments** using **Docker** and **Ansible**.
* Designed and implemented branching strategies for GitHub repositories to manage code efficiently.
* Configured and monitored application performance with **Grafana dashboards** and **Prometheus alerts**.
* Worked on **local development setup**, optimized **business logic**, and implemented **smart search functionality** for enhanced user experience.
* Migrated reports from **SSRS to Power BI**, improving reporting and data visualization capabilities.
* Developed SQL queries for **bulk email processing**, enabling efficient data collection of user emails and network IDs.

**KEY PROJECTS**

**Cloud Deployment Automation**

* Used **Terraform** and **Azure CLI** to automate the provisioning of VM instances, storage accounts, and networking in Azure.
* Designed and integrated **containerized microservices** with Kubernetes clusters on Azure AKS.

**CI/CD Pipeline Optimization**

* Automated testing and deployment workflows for Java-based applications using **Jenkins** and integrated **SonarQube** for code quality checks.
* Used **GitHub Actions** and reusable workflows to standardize build and deployment processes across teams.
* Led efforts to **deprecate CAI modules**, replacing them with scalable solutions for improved system performance.

EDUCATIONAL QUALIFICATION

**Bachelor of Engineering** – Computer Science and Engineering.

Lovely Professional university, Jalandhar, Punjab

2019 - 2023