**N Chaitanya Kumar Reddy**

Email id: chaitanyanasipi@gmail.com

Mobile Number: +919705597603

**PROFESSIONAL SUMMARY**

* *Java Full Stack Developer & DevOps Engineer with 2.7+ years of experience in building scalable web applications and automating CI/CD pipelines on Microsoft Azure.*
* *Proficient in developing backend services using****Java, Spring Boot****, and frontend interfaces with****React.js****, along with strong expertise in containerization using****Docker****and orchestration with****Kubernetes (AKS)****.*
* *Skilled in infrastructure automation using****Terraform, Azure CLI****, and monitoring solutions like****Prometheus****and****Grafana****to ensure system reliability and performance.*
* *Experienced in integrating CI/CD tools such as****Jenkins, GitHub Actions, GitLab****, and****Artifactory****to streamline development workflows and accelerate delivery.*
* *Strong scripting and coding abilities in****Java, Bash, SQL****, with a solid understanding of Agile methodologies including sprint planning, daily stand-ups, and release cycles.*

**TECHNICAL EXPERTISE**

**Cloud Platform:***Microsoft Azure (DevOps, AKS, App Services, Functions), AWS (EC2, S3), Jenkins, GitHub Actions, GitLab CI/CD*

**Containers & Orchestration:** *Docker, Kubernetes*

**Infrastructure as code:** *Terraform, Azure CLI, ARM templates*

**Programming & Scripting:***Java (Spring Boot), JavaScript (React.js), Bash, SQL*

**CI/CD & Monitoring:***Azure Pipelines, Nexus, Prometheus, Grafana*

**Frontend & Backend:***HTML5, CSS3, JavaScript, React.js, Java, Spring Boot, Microservices*

**Databases & Tools:***MySQL, Maven, Postman, JIRA, Git, Bitbucket, Agile/Scrum*

**WORK EXPERIENCE**

**LTIMindtree – *Chennai*   
*Software Engineer   
June 2024 – Present***

* *Spearheaded support and maintenance for 14+ enterprise-grade applications, reducing downtime by****30%****through proactive monitoring using****Prometheus****and****Grafana****.*
* *Accelerated deployment cycles by****40%****by optimizing CI/CD pipelines with****GitHub Actions****,****Jenkins****, and****GitLab CI****.*
* *Automated environment provisioning and deployments (Dev, UAT, QA) using****Docker****,****Ansible****, and****Terraform****, improving release consistency and speed.*
* *Designed and enforced Git branching strategies across teams, enhancing code collaboration and reducing merge conflicts.*
* *Developed and deployed microservices using****Java Spring Boot****, integrated with frontend components built in****React.js****.*
* *Migrated legacy SSRS reports to****Power BI****, enhancing data visualization and stakeholder reporting efficiency.*
* *Built and optimized SQL queries for bulk email processing, improving data extraction and communication workflows.*
* *Contributed to local development setup and implemented smart search features, improving application usability and performance.*

**AVIDEX Infotech Private Limited - *Chennai*  
*Associate Software Engineer   
April 2023 – June 2024***

* *As a DevOps Engineer, I specialized in implementing CI/CD pipelines to automate software development, testing, and deployment, ensuring seamless integration and delivery.*
* *I played a crucial role in optimizing workflows, enhancing efficiency, and maintaining high software quality.*

**KEY PROJECTS**

**Cloud Deployment Automation**

* *Automated provisioning of Azure infrastructure (VMs, storage, networking) using****Terraform****and****Azure CLI****, reducing manual setup time by 60%.*
* *Deployed containerized Java microservices to****Azure Kubernetes Service (AKS)****, ensuring high availability and scalability.*

***CI/CD Pipeline Optimization***

* *Built and maintained CI/CD pipelines for Java/.Net applications using****Jenkins****and****GitHub Actions****, integrating****SonarQube****for static code analysis and quality gates.*
* *Developed reusable GitHub workflows to standardize deployment processes across multiple teams and environments.*
* *Led the deprecation of legacy CAI modules, replacing them with modular, scalable solutions that improved system performance and maintainability.*

**EDUCATIONAL QUALIFICATION**

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

Lovely Professional University, Punjab

2019 - 2023