Sai Raghavendra Maddula
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Professional Summary

Results-driven Software Engineer with expertise in Java, microservices, and cloud-based infrastructure. Adept at designing scalable and efficient solutions, optimizing system performance, and implementing CI/CD pipelines. Passionate about improving software development practices and enhancing business productivity.

Technical Skills

- **Programming:** Java, Python, SQL, No-SQL
- **Cloud Platforms:** GCP, Azure
- **Databases:** Oracle, Cosmos DB
- **Microservices & DevOps:** Kubernetes, OpenShift, CI/CD pipelines
- **Infrastructure Automation:** Jenkins, Terraform, Docker, Kubernetes
- **Monitoring & Logging:** Prometheus, Grafana, EFK Stack, Splunk
- **Version Control:** Git, GitHub, Bitbucket
- **Methodologies:** Agile, Scrum, Kanban

Professional Experience

Software Engineer III
Microsoft| **Jun 2020 - July 2021** | **Hyderabad India**

- Designed and developed Java-based microservices, ensuring optimal performance and scalability.
- Implemented CI/CD pipelines to automate testing and deployment, reducing deployment time by 30%.
- Administered OpenShift clusters, including installation, patching, and integration of identity providers.
- Developed solutions for log management and monitoring using Prometheus, Grafana, and Splunk.
- Integrated security solutions into the OpenShift platform, enhancing system reliability and compliance.
- Created custom Grafana dashboards and Prometheus queries for performance monitoring.
- Participated in Agile ceremonies, collaborating with cross-functional teams to optimize workflows.

DevOps Engineer
GR Simplot | Sept 2021 - Aug 2022 | **Hyderabad India**

- Designed and deployed scalable containerized applications on OpenShift and Kubernetes.

- Developed and optimized SQL/No-SQL queries, improving database performance by 20%.
- Managed Docker image repositories (Quay, Nexus, JFrog) and ensured secure deployments.
- Led root cause analysis for production issues, reducing downtime and improving incident resolution.
- Spearheaded cloud migrations, optimizing cost and resource efficiency for high-traffic applications.

Education
Master's in Computer Science
Christian Brothers University, 2024

Certifications
- Certified Kubernetes Administrator (CKA)
- Google Cloud Professional Cloud Architect
- AWS Certified Solutions Architect

Projects & Achievements
- Developed and optimized a CI/CD pipeline that reduced deployment time by 30%.
- Led the implementation of a security-enhanced OpenShift platform, ensuring compliance with enterprise security policies.
- Built a scalable logging and monitoring solution using Prometheus and Grafana, improving system observability.
- Designed and deployed microservices handling millions of requests per day, achieving high availability and fault tolerance.