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| IRRINKI SAITEJA | |
| **DevOps LEAD Engineer** | |
| **MLOps | AIOps** | |
| |  | | --- | |  | | **CONTACT** | |  | | Phone [+91 9493322788](https://wa.me/919493322788) | |  | | Address Hyderabad, India | |  | | Email [saitejairrinki91@gmail.com](mailto:saitejairrinki91@gmail.com) | |  | | Website | | [www.softwarelife.in](https://saitejairrinki.github.io/) | |  | | **EDUCATION** | |  | | **Bachelor of Technology**  Andhra University - 2020 SRKR Engineering College | | Bhimavaram, Andhra Pradesh | |  | |  | | **TECHNICAL SKILLS** | |  | | **Operating Systems:** Linux, Windows  **Cloud Computing:** AWS, Azure, GCP  **Scripting:** Bash, PowerShell  **AI:** AI Models and GitHub Copilot  **VCS:** Git and GitHub  **IaC:** Terraform, Ansible  **CI/CD:** Azure DevOps, Jenkins  **Containerization & Orchestration:** Docker, Kubernetes, and Helm  **Code Quality:** Sonar Cloud/Qube | | |  |  | | --- | --- | |  | | | **PROFESSIONAL SUMMARY**  DevOps LEAD with over 4+ years of experience in CI/CD pipelines, automating infrastructure, managing containers, and working with cloud platforms. Certified as a DevOps engineer by Microsoft with the **AZ-400** certification exam. Skilled in tools like Terraform, Kubernetes, Helm, and Azure DevOps. Known for improving deployment processes by 80%, reducing downtime, and managing cloud resources efficiently. | | |  | | |  | | | **PROFESSIONAL EXPERIENCE** | | |  | | | **DevOps LEAD Tiger Analytics, Hyderabad**  Oct 2023 – Present   * Deployed and managed **AI-ML models** while automating Data Science operations in Cloud Platform using Containerization. * Automated Helm chart deployments across AKS clusters to streamline application delivery reducing build time by 40%. * Improved CI/CD Azure pipelines, enhancing software delivery efficiency and achieving reductions in build errors. | | | **Senior DevOps Engineer Zelarsoft Pvt Ltd, Hyderabad**  Mar 2022 – Oct 2023   * Responsible for Provisioning and Managing Cloud Infrastructure. Automating maintenance and regular jobs on Cloud Infrastructure. * Experienced handling the CICD Life Cycle and Branching Strategy. * Spearheaded a team of DevOps professionals to implement a seamless CI/CD lifecycle for various projects. | | | **DevOps Engineer**  Mar 2021 – Feb 2022 | **Visualpath IT, Hyderabad** | | * Worked on Multiple proof-of-concept projects for deploying Java applications with optimized CI/CD workflows. * Automated routine tasks, reducing manual effort by 80%. * Documented the Entire Process using Markdown Language using MKDocs. | | |
| DevOps Services Consultants Company | Orchestration Services | |
| **TECHNICAL FOOTPRINTS**  Highly skilled IT professional with extensive experience in **CI/CD pipelines, Configuration Management, Cloud platforms, and DevOps methodologies**. Expertise in **troubleshooting build and deployment issues** and managing **infrastructure automation**. Proficient in tools and platforms such as **Azure DevOps, Git, GitHub, AWS, Azure Cloud, Docker, Kubernetes, Helm, Terraform, and Ansible**. Strong scripting skills with **Shell, PowerShell**, and automation of complex workflows. Demonstrated ability to integrate **AI Models, Code Quality Analysis tools**, and implement **secure, scalable solutions**.  **KEY SKILLS:**  **CI/CD & Version Control:**  Configured and managed **CI/CD pipelines** across Dev, Staging, UAT, and Production environments using **Git Flow Branching Strategy**.  Proficient in version control with **Git, GitHub, and Azure Repos** for automation and collaboration.  Hands-on experience with **Azure DevOps** and **Jenkins (Freestyle and Pipeline jobs)** for build and release management.  **Artificial Intelligence (AI) Integration:**  Used AI tools and their models like Azure OpenAI, Claude AI, and Hugging Face AI to automate release note generation in Azure DevOps after a PR is merged.  Leveraged GitHub Copilot in VS Code for faster code reviews, generating commit messages, and improving overall development efficiency.  **Cloud & Containerization:**  Worked with Azure Cloud and AWS services.  Specialized in **Docker** based containerization.  Developed and oversaw **Kubernetes deployments** leveraging **Helm custom charts** for orchestration and scalability.  **Branching Strategy & Version Control:**  Created a Workflow & Branching Strategy with the Requirements.  Experienced in implementing effective branching strategies in GIT and Azure Repo for collaborative development.    **Infrastructure as Code:**  Automated infrastructure provisioning using **Terraform, Ansible** and Cloud Formation (AWS).  Created and managed Azure resources with PowerShell and Bicep templates.  **Scripting & Automation:**  Advanced scripting expertise in **Shell** and **PowerShell** to automate operational tasks.  Automated processes for **release note generation**, **backup procedures**, and system health monitoring.  DevOps Services Consultants Company | Orchestration Services  **PROJECTS**  **Name:** AI for Kubernetes  **Client:** Technology Domain  **Tools:** AI Models, AKS, ACR, Helm, Sonar Cloud, Git, Azure DevOps, Grafana, Prometheus.  **Roles and Responsibilities:**   * Automated AIOps workflows using CI/CD-Azure DevOps for AI tools including frontend, backend, and MCP-server, enabling prompt-based Kubernetes management. * Designed and deployed a dashboard capable of connecting to any Kubernetes cluster and deploying agents for cluster operations and debugging via natural language prompts. * Configured Grafana and Prometheus for real-time pod and cluster monitoring, enhancing observability and proactive issue detection.   **Name:** TPO  **Client:** Food and Daily Care  **Tools:** Azure Cloud, Azure DevOps, Kubernetes, Helm, and Micro Services Deployment.  **Roles and Responsibilities:**   * Successfully deployed a microservices application in Azure Kubernetes Service (AKS) using Helm charts and Azure DevOps pipelines. * Developed a multistage build pipeline to create and push Docker images to Azure Container Registry (ACR). * Mounted Azure File Share across multiple pods to ensure real-time synchronization and seamless data sharing. * Optimized operations by removing redundant sidecar containers performing copy tasks, replacing them with direct Azure File Share integration, improving efficiency and reducing resource consumption. * Configured readiness and liveness probes for improved application stability and uptime. * Enabled Horizontal Pod Autoscaling (HPA) for dynamic scaling based on workload demands, reducing idle resource usage by 20%.   **Name:** ADP  **Client:** Manufacturing  **Tools:** Azure DevOps, YAML Pipelines, ADF, Databricks, App Services, and Bash.  **Roles and Responsibilities:**   * Designed and implemented multi-stage CI/CD pipelines (Dev → QA → Prod) with gated approvals. * Set up path-based triggers to enable per-service deployments using folder structure. * Used YAML templates and environment-specific variable files to manage pipeline config. * Managed deployments of Azure Services using conditional and manual gates to control staged deployments safely.   **ACHIEVEMENTS**  I Consistently received multiple **written email appreciations** from stakeholders, clients, and managers across all projects for delivering high-quality results. Awarded a **performance bonus** from client for timely project delivery and cost reduction in a major initiative. | |