

## Mavilla Akhil

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### PROFESSIONAL SUMMARY

Results-oriented DevOps Engineer with **6 years** of experience architecting and automating robust deployment pipelines across AWS cloud and on-premise environments. Accelerated software delivery by **60%** using technologies including **Git, Jenkins, GitHub, Docker, Kubernetes, and Terraform**. Skilled at building and managing **CI/CD pipelines**, infrastructure automation, container orchestration, and integrating DevSecOps practices. Adept in system administration, monitoring, and troubleshooting within Agile cross-functional teams.

### Technical SKILLS

**Cloud:** AWS (EC2, S3, IAM, VPC, CloudWatch)

**CI/CD Tools:** GitHub, Jenkins, Git, SonarQube, Trivy, Nexus Artifactory

**Containerization & Orchestration:** Docker, Kubernetes, Docker Swarm

**Monitoring & Logging:** Prometheus, Grafana, ELK Stack, CloudWatch Logs

**Scripting & Automation:** Bash Shell Scripting, Linux CLI, Cron Jobs

**Version Control & Project Management:** GitHub, Bitbucket, JIRA, Agile, Scrum, Maven

**Operating Systems:** Linux (Administration, Performance Tuning, Troubleshooting – Ubuntu, CentOS, RHEL)

### **EXPERIENCE:**

**Role: DevOps Engineer**

**Designation : Associate**

#### **Wells Fargo International Solutions Pvt Ltd — July 2021 – Till Date**

- Designed and maintained over 20+ Jenkins **CI/CD pipelines**; automated build-to-release workflows across microservices, eliminating ~60% manual work and boosting deployment stability
- Containerized applications with **Docker** and orchestrated using **Kubernetes**, improving scalability and maintainability.
- Set up **Prometheus** and **Grafana** for real-time monitoring and **ELK Stack** for centralized logging, improving system observability and reducing mean time to recovery (MTTR) by 40%.
- Integrated **SonarQube**, **Trivy**, and **OWASP ZAP** into **CI/CD** pipelines to enforce **DevSecOps** practices, proactively identifying and eliminating critical vulnerabilities.
- Managed **Nexus** Artifactory for artifact storage and integrated it with build pipelines for version-controlled Docker image delivery.
- Collaborated with cross-functional teams using **JIRA**, **GitHub**, and actively participated in Agile processes, including sprint planning and retrospectives.
- Delivered end-to-end support across **Production**, **Application Development**, and **Maintenance** teams, ensuring high system availability, quick issue resolution, and seamless coordination throughout the software lifecycle.

#### **Société Generale Global Solution Centre — Dec 2018 – July 2021**

- Automated **CI/CD** workflows using **Jenkins** to optimize build and deployment efficiency.
- Utilized **Docker** to containerize applications, ensuring consistent environments across development, testing, and production for streamlined deployment and scalability.
- Deployed **WAR** (Web Application Archive) files to **Apache Tomcat** servers to support seamless application delivery in staging and production environments.

- Oversaw end-to-end **release management processes**, including planning, coordination, scheduling, and execution of software deployments across multiple environments to ensure timely and stable application delivery.
- Integrated automated **dependency checks** into **CI/CD** pipelines using tools like **OWASP** Dependency-Check and Snyk, identifying vulnerable libraries and ensuring secure, compliant software builds.

#### **JP Morgan Chase — Aug 2018 – Nov 2018**

- Led the successful implementation of a Emotion -based mailbox integration for managing Derivatives and FX trade confirmations, streamlining communication and enhancing operational efficiency.
- Gathered and analyzed business requirements through stakeholder interviews and workshops, translating them into actionable user stories.

#### **Standard Chartered Bank — June 2016 – Aug 2018**

- Supported global operations across the US, UK, East Africa, and West Africa by updating FX, FTP, and interest rates in Trade Process systems (OTP and DTP).
- Managed LIBOR and AEIBR updates, reconciled market rates, and extracted daily rates from Reuters and Bloomberg, ensuring accurate reporting to respective countries.

#### **EDUCATION:**

- Bachelor of Science in Computer Science , 2016

#### **CERTIFICATION:**

- UI/UX for Beginners
- Identifying Business Process for Automation