

JAGADESWARARAO VANA

IT SOFTWARE ENGINEER

jagadeswararaovana@gmail.com

+91 8790055638

PROFESSIONAL SUMMARY

Software Engineer at **Whitewhale Software Solutions Pvt Ltd** with **1 year of experience** in **Core Java, SQL, HTML, CSS, and JavaScript**. Interested in transitioning to **DevOps with AWS**, focusing on CI/CD, cloud infrastructure, and automation. Seeking a **DevOps Engineer** role to apply and enhance my cloud and automation skills.

PROFESSIONAL EXPERIENCE

Jr. Software Engineer - Whitewhale Software Solutions Pvt Ltd

Mar, 2024 - Present

- Developed and maintained web applications using **Core Java, SQL, HTML, CSS, and JavaScript**.
- Collaborated with teams to design, implement, and test software solutions.
- Worked on database management, optimizing queries for improved performance.
- Debugged and resolved software issues to enhance application efficiency.

EDUCATION

Miracle Educational Society Group of Institutions	-	B Tech	Sep, 2019 - Apr, 2023
AP Model Junior College	-	Intermediate	Jun, 2017 - Mar, 2019
AP Model School	-	SSC	Jun, 2016 - Mar, 2017

SKILLS

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|--------------|----------------|------------------------|
| • Core Java | • Git & GitHub | • Docker |
| • Mysql | • Maven | • Kubernetes |
| • HTML | • Jenkins | • Terraform |
| • CSS | • Tomcat | • Grafana & Prometheus |
| • JavaScript | • Ansible | • AWS Services |

COURSES

DevOps with AWS at Greatcoder Technologies Pvt Ltd

Jun, 2023 - Aug, 2023

INTERNSHIP

AP Cloud Internship - Miracle Software Systems Pvt Ltd

Apr, 2022 - May, 2022

- Gained hands-on experience in **AP Cloud technologies** and cloud computing concepts.
- Worked on cloud-based solutions, optimizing resource management and deployment.
- Learned **Linux, AWS Services** principles.
- Assisted in developing and testing cloud applications, improving efficiency.
- Collaborated with mentors to understand real-world cloud implementation strategies.

- Worked with **Git and GitHub** for version control and collaborative development.
- Managed **CI/CD pipelines using Jenkins**, automating build, test, and deployment workflows.
- Built and deployed applications using **Maven** for dependency management.
- Implemented **Docker** for containerization and **Kubernetes** for container orchestration.
- Used **Ansible** for configuration management and automated infrastructure provisioning.
- Developed and managed **Infrastructure as Code (IAC)** with **Terraform**.
- Monitored system performance and logs using **Grafana** and **AWS CloudWatch**.
- Worked with **AWS services like EC2, S3, Lambda, RDS, IAM, and VPC** for cloud deployment.
- Ensured **high availability, scalability, and security** of cloud-based applications.

PROJECTS

Whitewhale Projects

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Mar, 2024 - Present

Description:

- Developed a **Job Portal** with an intuitive front-end for job seekers and recruiters.
- Built a **Paying Guest (PG) Application**, allowing users to search, filter, and book accommodations.
- Designed and implemented the **Lawmine Application** for legal case management and services.
- Created a **Complete Employee Management System**, handling employee records, attendance, and roles.
- Developed full front-end using **HTML, CSS, JavaScript, and frameworks** as needed.
- Worked on basic **backend functionality** with PHP and **MySQL** database integration.
- Ensured responsive **UI/UX** for smooth navigation and mobile compatibility.
- Gained experience in **database design, API handling, and system integration**.

Greatcoder Internship Projects

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Sep, 2023 - Nov, 2023

Description:

Project 1: CI/CD Pipeline for Java Application

Tech Stack: Jenkins, GitHub, Maven, Docker, AWS (EC2, IAM, S3), Nginx

- Configured **Jenkins on AWS EC2** for automated builds and deployments
- Integrated **GitHub Webhooks** to trigger builds on code commits
- Used **Maven** for building Java projects and **SonarQube** for code analysis
- Created and pushed **Docker images** to **Docker Hub**
- Deployed the Docker container on **AWS EC2** with **Tomcat**
- Automated deployment workflow with **Jenkins Pipeline + Docker**

Project 2: Automated Deployment with Ansible & Tomcat

Tech Stack: Ansible, Jenkins, GitHub, Maven, Tomcat, AWS (EC2, IAM), Kubernetes, Grafana

- Developed **Ansible Playbooks** for installing **Git, Maven, and Tomcat**
- Automated **code pull, build, and deployment** using **Jenkins + Ansible**
- Configured **Tomcat for WAR deployment**
- Implemented **Kubernetes** for scalable deployment

DECLARATION

"I hereby declare that the above-mentioned information is true and correct to the best of my knowledge and belief. I take full responsibility for the authenticity of the details provided."

- **Place:**
- **Date:**
- **Signature:** [Vana Jagadeswararao]