

CHENNA VENKATA SAI DHARAN

Aspiring DevOps Engineer | Core Java Developer

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PROFESSIONAL SUMMARY

Results-oriented and motivated B.Tech (Computer Science) graduate with solid expertise in Core Java and DevOps practices. Proven ability to design and implement CI/CD pipelines, automate infrastructure using Ansible, Docker, and Kubernetes, and deploy scalable systems on cloud. Adept in applying security and monitoring tools to ensure quality and reliability of services. Ready to contribute in a fast-paced, growth-driven environment.

PROJECTS

Automated CI/CD Pipeline with Docker and Jenkins

Stack: Git, GitHub, Jenkins, SonarQube, Docker, Docker Hub, Trivy, OWASP Dependency-Check

- Designed and implemented an **automated CI/CD pipeline** to deploy a static website.
- Integrated Jenkins with GitHub for automatic builds and tested code using **SonarQube**.
- Built **Docker containers** and deployed them to an Apache server.
- Conducted vulnerability scanning using **Trivy** and **OWASP** tools; pushed secure images to Docker

Automated CI/CD Pipeline with Docker, Jenkins, Kubernetes & Monitoring

Stack: Git, Jenkins, Docker, SonarQube, OWASP, Trivy, Kubernetes, Argo CD, Prometheus, Grafana.

- Built and deployed a static site via a fully automated CI/CD pipeline with security checks and Kubernetes orchestration.
- Deployed application to a Kubernetes cluster (1 master, 2 nodes) using **KOPS** and **YAML** manifests.
- Integrated **Prometheus** and **Grafana** for live monitoring of performance metrics.
- Reduced deployment time and manual intervention by 90%.

Library Management System

Stack: Core Java, SQL, JDBC

- Developed a desktop-based Library Management System supporting book issue, return, and user authentication.
- Implemented **CRUD** operations for managing books and users using JDBC and MySQL.
- Enhanced database efficiency and ensured secure storage and retrieval of user and book records.

TECHNICAL SKILLS

- Programming Languages: Core Java
- Cloud: AWS (EC2, S3, IAM, VPC, CloudFormation, EKS)
- DevOps Tools: Jenkins(CI/CD), Ansible, Docker, Kubernetes, Prometheus & Grafana
- VCS: Git & GitHub
- Database: MySQL

CERTIFICATIONS

- Docker Essentials for DevOps - **Offered by Coursera**

WEBINARS & HACKATHONS PARTICIPATED

- Hackathon in **IIITDM** Kancheepuram, Chennai.

EDUCATION

Kalasalingam Academy of Research and Education

B.E Computer Science and Engineering. *Grade: 7.85 CGPA (Till current Semester)*

KrishnanKovil, TN.

Aug 2021 – May 2025

NRI Junior college

MPC, Intermediate. Marks: 957

Guntur, AP.

May 2019 -Mar 2021

Sri Chaitanya High School

Secondary School of Education. Grade: 9.3 CGPA

Proddatur, AP.

Jun 2018 – Mar 2019

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.