

VENUGOPAL D R

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| [Github](#)

About Me

Results-driven Software Engineer with expertise in Java, AWS, DevOps, and Web Development. Passionate about building scalable applications, cloud automation, and CI/CD pipelines. Skilled in Docker, Kubernetes, Jenkins, and Ansible for efficient deployment. Quick learner, eager to embrace new technologies.

Skills

Programming Languages : Core Java

Query Languages : MYSQL

Web Technologies : HTML5, CSS, JavaScript

Cloud Computing : AWS (EC2, S3, IAM, EBS, AMI, ASG, ELB, ALB, VPC, Route 53, CloudWatch, SNS, RDS and AWS Lambda)

Operating Systems : Windows and Linux

Scripting Languages : Shell/Bash Scripting

Networking Expertise : TCP/IP, DNS, VLANs, Subnetting, VPNs, HTTP/HTTPS, IPv4, IPv6, Firewalls.

DevOps Tools : Git & GitHub, Maven, Jenkins, Docker & DockerHub, Ansible, Terraform, Kubernetes

Web Servers: Apache Tomcat and Nginx

Education

University B.D.T College Of Engineering

Bachelor Of Engineering in Computer Science | CGPA: 8.06

Davanagere, Karnataka, India

Dec 2020–May 2024

Vaishnavi Chethana PU Science College

PUC Science | Percentage: 85% [PCMB]

Davanagere, Karnataka, India

Jun 2018 – Mar 2020

Jawahar Navodaya Vidyalaya

10th CBSE | Percentage: 75.6%

Davanagere, Karnataka, India

Jun 2017 – Apr 2018

Projects

Project 1: E - Commerce Fashion Store

- Developed a E-commerce Fashion Store leveraging ReactJS for the front-end and Spring Boot for the back-end, providing a seamless and efficient shopping experience.
- Technologies used: HTML, CSS, MYSQL, Java, Spring Boot.

Project 2: Web Application Deployment to Apache Tomcat with Ansible

- Tech: AWS, Linux, Git & GitHub, Maven, Jenkins, Ansible, Apache Tomcat
- Description: Automated deployment of a web application to Apache Tomcat using Ansible for configuration management and deployment. Managed source code with Git and GitHub, built the application with Maven, and deployed it in an AWS-hosted Linux environment.
- Outcome: Acquired hands-on experience in using Ansible for automating deployments and managing configurations on Apache Tomcat.

Project 3: Web Application Deployment to Apache Tomcat with Docker, DockerHub, and Ansible

- Tech: AWS, Linux, Git & GitHub, Maven, Jenkins, Docker, DockerHub, Apache Tomcat, Ansible
- Description: Automated deployment of a web application to Apache Tomcat using Docker containers and Ansible for configuration management. Built Docker images, stored them in DockerHub, and managed deployments with Jenkins. Deployed the application in an AWS-hosted Linux environment, ensuring efficient server configuration and application deployment.
- Outcome: Acquired hands-on experience in containerizing applications with Docker, managing container images with DockerHub, using Ansible for server provisioning, and deploying to Apache Tomcat, significantly enhancing deployment efficiency and scalability.