Vennela c s

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vennelareddycs2000@gmail.com

Professional Summary

- DevOps Engineer and Java Backend Developer with **2+ years** of experience in building and deploying scalable applications using **Java**, **Spring Boot**, and **microservices architecture**.
- Strong hands-on expertise in **CI/CD pipelines**, **containerization with Docker**, and orchestration using **Kubernetes**. Extensive hands-on experience with microservices and RESTful web services.
- Proficient in implementing **DevOps best practices** using tools like **Jenkins**, **GitLab CI**, **SonarQube**, **Trivy**, and **Nexus**. Experienced in deploying code to development and QA environments using Jenkins.
- Skilled in developing secure and high-performing RESTful APIs using **Spring Boot** and managing backend logic with optimized database interactions. Proficient in source code management using GitLab.
- Experienced in deploying applications to **Kubernetes clusters**, automating release processes, and monitoring system health using **AppDynamics**.
- Adept in Agile methodologies with excellent collaboration, problem-solving, and troubleshooting skills.

Technical Skills

- **Operating Systems:** Linux
- **Languages:** Java
- **Databases:** MongoDB, MySQL, PostgreSQL
- **IDEs:** IntelliJ, Eclipse, VSCode
- **Tools:** Postman
- **Frameworks:** SpringBoot
- **DevOps Tools**: Linux, Jenkins, Git, Docker, SonarQube, Trivy, Nexus,kubernetes

Achievements/Certifications:

- AWS Certified Cloud Practitioner
- Google Cloud Certified - Professional Cloud Developer

Education

BNM Institute Of Technology (Computer Science and Engineering)

Experience

Capgemini Technology Services India Limited, Senior Analyst, Jul 2022 to till date.
Capgemini Technology Services India Limited, Software Engineer /Analyst, Oct 2022 to June 2024.
Capgemini Technology Services India Limited, Full Stack Developer (Intern), April 2022 to June 2022.

Project – COX

Project Name   : COX PROVISIONING.
Role   : DevOps Engineer
Duration   : June 2024 to Present

Technologies   : Jenkins, Docker, Kubernetes,Java, Spring Boot, Oracle SQL, Trivy, SonarQube

Description

Cox Provisioning is used by Cox Communications to set up and manage customer services such as internet, TV, and phone. It involves activating new services, configuring equipment like modems and routers, managing the network to ensure quality performance, updating customer accounts, providing technical support, and using automated tools to streamline these tasks for efficient and reliable service delivery.

Responsibilities

- ➢ Designed and implemented CI/CD pipelines using Jenkins, automating code integration, testing, and deployment processes.
- ➢ Managed infrastructure as code (IaC) using tools like Terraform and Ansible, ensuring scalable and efficient environments.
- ➢ Worked with cloud platforms like AWS and Azure to deploy and maintain applications, ensuring high availability and performance.
- ➢ Integrated monitoring and alerting systems using tools like Prometheus, Grafana, and CloudWatch to ensure system health.
- ➢ Implemented containerization and orchestration using Docker and Kubernetes, streamlining application deployment and scaling.
- ➢ Ensured security best practices, including IAM, encryption, and secure network configurations, across environments.
- ➢ Automated configuration management and provisioning of infrastructure to reduce manual interventions and increase productivity.
- ➢ Collaborated with development and operations teams to optimize workflows, resolve deployment issues, and maintain system uptime.
- ➢ Continuously improved DevOps processes by evaluating and integrating new tools and technologies.

Project – DARDEN.

Project Name   : DARDEN RESTUARANTS.
Role   : Developer
Duration   : Nov 2022 to May 2024
Technologies   : Java, SpringBoot, Microservices, RestAPIs

Description

The Darden Restaurants Application is a comprehensive digital platform designed to enhance the dining experience for both restaurant staff and customers. Developed for the renowned Darden Restaurants group, which includes popular brands such as Olive Garden, LongHorn Steakhouse, and more, this application offers a seamless and integrated solution for various restaurant operations and customer interactions like Menu Ordering, Seat Booking, Togo and Delivery Services etc.

Responsibilities

- ➢ Designed and executed RESTful APIs using Spring Boot in a microservices architecture.
- ➢ Implemented database interactions and optimized query performance.
- ➢ Ensured security measures such as authentication, authorization, and data encryption.
- ➢ Wrote unit tests for code reliability.

- ➢ Collaborated with cross-functional teams to deliver features and resolve issues.
- ➢ Documented APIs and participated in monitoring and logging for system health.
- ➢ Used the version control tools like GitHub, GitBash.
- ➢ Have good knowledge in tools like Postman, Intellij, VS code, Git etc.,

Project – HOTEL MANAGEMENT SYSTEM (Intern Case Study)

Project Name   : HOTEL MANAGEMENT SYSTEM
Role   : Developer
Duration   : Feb 2022 to May 2022
Technologies   : React JS, Java, MongoDB, SpringBoot, Microservices.

Description

I created a Hotel Management System (HMS) Application which is a sophisticated and modular software solution designed to streamline and automate various operations within a hotel. By leveraging a microservices architecture, the application ensures flexibility, scalability, and resilience. Each core function of the hotel is managed by a dedicated microservice, allowing for seamless CRUD (Create, Read, Update, Delete) operations across different domains such as staff management, room management, inventory control, and payment processing.

Personal Information

Name   : Vennela c s
Date of birth   : 24/08/2000
Place   : Bangalore
Email-id   : vennelareddycs2000@gmail.com

Declaration

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

(Vennela c s)