Dhruv Mittal . Jarvis Consulting

I'm a Software Developer leveraging 2+ years of work experience in Web Application and Software Development, delivering complex application systems and converting business requirements into technical solutions. I have a Bachelors Degree in Computer Science where I have covered fundamentals and advanced topics such as Data Structures, Database Management, Distributed Computing, Operating Systems, Algorithms and more. I have prominent experience working with Java, Spring boot, gRPC framework, Docker, Linux, JavaScript Technologies and contributed to Application Performance Monitoring and Ecommerce projects. The software industry is powerful as it can solve real-world problems and challenges which makes me passionate about technology, innovation and creation.

Skills

Proficient: JavaScript, Angular, Node.js/Express, TypeScript, Testing - Jest and Cypress, Linux/Bash, MySQL/SQL, Docker, Agile/Scrum, Git, HTML, CSS

Competent: Java, Spring boot, gRPC framework, REST APIs, Microservices and Distributed Systems, MongoDB, AWS

Familiar: Python, Maven build tool, High Level Designing and Software Architecture, React.js, Jenkins, Kubernetes

Jarvis Projects

Project source code: https://github.com/Jarvis-Consulting-Group/jarvis_data_eng-d14mittal

Cluster Monitor [GitHub]: Built a Linux Cluster Monitoring Application used for collecting and monitoring the hardware-related data of virtual machines. Implemented the application with Bash Scripts, PostgreSQL and Docker Technologies. We created a docker container using the psql_docker.sh running Postgre:Alpine-9.6 and provisioned a PSQL instance CLI in our system. The ddl.sql script is responsible for connecting to the host_agent, creating the host_info and host_usage tables. The host_info.sh and host_usage.sh are fetching the hardware specs and real-time data with bash scripting and inserting data into the database tables. Configured the crontab as well to capture real-time data every minute.

Highlighted Projects

Movie Catalog System with Microservices [GitHub]: Built a back-end microservices architecture retrieving a user's movie rating and movie info from the internal data collection set via API into consolidated data. Implemented service discovery and microservice registry using Eureka for service registry and load balancing.

Employee Management System [GitHub]: Developed a full-Stack application maintaining the record of employees in a company. The projects aims to store vital information of an employee in a MySQL database and allowing the user to interact with a user interface built using React.js. The backend services/REST API have been handled using the Spring boot and Spring Data JPA.

Professional Experiences

Software Developer, Jarvis Consulting Group (2023-present): Facilitated development of a full-stack application using technologies like React.js, Spring boot, REST API, Microservices, PostgreSQL, following the best Design-patterns and SDLC methodologies. Contributed to application deployment on Cloud and worked on DevOps Operation for Continuous Integration and Delivery. Extensively worked with the team and the tech lead to solve the challenges and derive technical solutions.

Software Developer, Technowiz IT Services (2022-2023): Built an E-commerce App with 35% annual revenue growth following Agile development methodologies / Scrum processes. Developed highly scalable environment using Spring Cloud and AWS Lambda serverless reducing company expenses by 33%. Reduced 80% of bugs by troubleshooting, debugging, and designing efficient, reusable, and reliable code for performance.

Software Developer, Wipro Limited (2021-2022): Delivered 5 Java Applications using gRPC for APM tools like AWS CloudWatch, Prometheus, Nagios XI, Splunk, and Zabbix. Data-driven decisions led 40% performance increment in the Zabbix application by implementing concurrency in the REST APIs. Achieved 90% code coverage in unit test and integration test of API services/functionalities in the Docker environment.

Developer Intern, Neiv Technology Private Limited (2020-2020): Facilitated the development of a front-end user interface by demonstrating proficiency in HTML, CSS, and JavaScript. Attained responsive web designs, SEO and cross-platform compatibility for all types of mobile, tablet and desktop devices.

Education

VIT University, Vellore, India (2017-2021), Bachelor of Technology, Computer Science and Engineering - GPA: 8.05/10

Miscellaneous

- Coursera - Software Development Processes and Methodologies
- Udemy - Microservices with gRPC [Java + Spring Boot + Protobuf]
- Coursera - Databases and SQL for Data Science
- Secured a 4-star rating on the Hackerrank platform for solving Database Management problems with SQL queries
- Earned Data Structure I, 50 Days Challenge Badge and solved 130+ problems on the LeetCode with Algorithms in Java
- Love to have an active lifestyle and enjoying the outdoor activities like travelling, camping and trekking.
- I like meeting with new people and learning something new from everyone's experience. So I engage in networking and socializing activities over the weekend.
- Movies, TV Shows especially with genre with Sci-Fi/Thriller is a must on Saturday.