Puramsetti Kalyan

Programmer Analyst (Java Developer)

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PROFESSIONAL SUMMARY:

- 2 years of experience working in the IT industry, keeping up with industry trends and developing cutting-edge technical and management abilities, including web development in Java.
- Developed and contributed to the implementation of an intranet web application for a US based health insurance client, facilitating health and insurance benefits for citizens.
- Experience in analysis, design and building web applications using Java, Spring boot framework and Microservice architecture.
- Good working knowledge in querying MySQL database by writing custom queries using Spring Data Jpa Module.
- Have good hands-on experience in some of the services in AWS (EC2, S3, RDS).
- Have a good knowledge in Web technologies like HTML, CSS, Java Scripts.
- Good experience in using Version control systems like git, Gerrit code review and in IDE's tool Eclipse, Spring tool suite (STS).
- Good understanding of Software Development Lifecycle (SDLC) with expertise in Requirement Gathering, Analysis, Designing, Development, and testing.
- Have a 4 months of internship experience in cognizant trained in core java, Spring boot framework, Microservices architecture, AWS (EC2, RDS, S3).
- Successfully developed an E-commerce web application as a mini project during the internship.

TECHNICAL SKILLS:

Languages: Java 8, Python, C.
Platforms: Spring Tool Suite, Eclipse IDEs.
Framework: Spring, Spring boot**,** Microservices architecture, REST API development.
Databases: MySQL.
Tools: Swagger UI, Postman, MySQL workbench, MobaXterm, Putty, SonarQube, Jenkins, Github, Gerrit, Apache Kafka.
Story or Ticket management: JIRA.
Web Technologies: HTML, CSS, Java Script.
Operating systems: Windows, Linux

RELAVANT EXPERIENCE:

- Cognizant Technology Solutions- **August 31st 2021-Present**

QUALIFICATION:

- Bachelors of Technology in Electronics and Communication Engineering- Vasireddy Venkatadri Institute of Technology, 2017-2021

PROFESSIONAL EXPERIENCE:

- Involved in the development of six REST APIs named Admin API, Citizen API, Database Manager (DM), Data Collection, Eligibility Determination, Report Generation APIs utilizing Java, Spring Boot and Microservices architecture for enhanced application performance and scalability.
- Managed and maintained a centralized MySQL RDS database i.e. DM API, responsible for storing data utilized by all APIs, ensuring data integrity and accessibility.
- Written customized and called built-in methods in all APIs using Spring data Jpa module that should query the DM API to retrieve, save, update, and delete data from MySQL database.
- Utilized Swagger and Postman tools as primary testing tools for conducting thorough and efficient testing of REST APIs.
- Used SonarQube for the code review which detects bugs, duplicate code, vulnerabilities etc.
- For the source code storage, management and version control utilized Gerrit-code-review and GitHub.
- Configured Jenkins to integrate code from GitHub, to trigger builds using Maven, enabling automated deployment of the application for testing and production environments.
- Deployed and run APIs using AWS EC2 Linux instance through MobaXterm.
- Follow the Agile methodology for the project management.
- Participated in regular meetings, code reviews, and submitted progress on time.

INTERNSHIP EXPERIENCE: (Cognizant Mar 2021 – June 2021)

- During the internship, I successfully developed Purchase Management Microservices, an API responsible for handling order requests and cart details.
- By utilizing MySQL RDS database for storing of order and cart details.
- Implemented event-driven architecture utilizing Apache Kafka, with each order or cancellation request stored as an individual Kafka message in a dedicated table.
- Successfully deployed the application on AWS using EC2 instance and an S3 bucket, made it publicly accessible.

ROLES & RESPONSIBILITIES:

- Produced clean, efficient, and reusable code in the optimized version.
- Involved in design meetings to understand business requirements.
- Clearly and regularly communicate with clients and team members for technical support.
- Testing and deploying programs and systems.
- Fixing and improving existing software.
- Troubleshoot, debug, and upgrade existing software.

CERTIFICATIONS:

- Programming for Everybody (Python) coursera certification.
- AWS cloud partitioner – Course completion from Udemy.
- Microservices architecture the complete guide - Course completion from Udemy.
- JavaScript basics for beginners - Course completion from Udemy.