Vishnu Vardhan Reddy Karam

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Objective: Computer science professional seeking a software development position with a focus on Java, Python, Angular/React, SQL, and RESTful web services. Highly motivated and eager to learn new technologies. Skilled in Agile methodologies, source control systems, data structures, database systems, and distributed systems. Strong presentation, problem-solving, analytical, and communication skills. Ability to work under pressure and within time constraints. Passion for technology and an eagerness to contribute to a team-oriented environment.

Education:

Master's in computer science	Expected August 2023
University of Dayton, Dayton/Ohio/United States	GPA:3.87/4.00
Bachelor's in computer science	May 2018
Jain University/ Bangalore	

Skills:

Programming languages & Frameworks: Java, JavaScript, Angular, React, Python, Bash, Go, C#, HTML/CSS, Webservices (REST & SOAP).

Databases: SQL/NoSQL, MongoDB, PostgreSQL, Oracle, Relational databases

Tools: Git, JIRA, Jenkins, Gitlab, SVN, Apache, Postman

Cloud platforms: AWS, Azure, Google Cloud Platform

Data structures: Arrays, Linked Lists, Stacks, Queues, Trees, Graphs

Containers and Configuration tools: Docker, Kubernetes, Terraform, Chef

Agile methodologies: Scrum, Kanban

Environments: Eclipse, IntelliJ, Maven, Visual Studio, Apache, Android Studio, GitLab, Gitbash, Log4j.

Experience:

Application Development Analyst

Accenture   **June 2021 – April 2022**

- Collaborate with cross-functional teams to design and develop high-quality software solutions using Java, Angular/React, and RESTful web services.
- Utilize Agile methodologies and Git, JIRA, and Jenkins for source control and project management.
- Proficient in working with relational databases including DB2 and SQL Server, utilizing skills in SQL querying, data modeling, and database design to support software development and maintain data integrity.
- Develop RESTful web services using Java, Spring with a solid understanding of HTTP and REST principles, and a track record of successfully integrating APIs with various third-party services and tools.
- Demonstrated understanding of system design and architecture principles, with experience collaborating with development teams to ensure effective integration of software components and adherence to best practices.
- Designed and implemented well-defined RESTful APIs using Java and Spring, adhering to best practices for API design and documentation.
- Gain experience with AWS, Azure, and Google Cloud Platform.
- Successfully implemented CI/CD pipelines using Jenkins to automate the software deployment process, reducing deployment time by 50% and minimizing errors.

Software Engineer

SLK Software Services PVT LTD   **January 2020 – January 2021**

- Designed and developed REST architecture-based web services to facilitate communication between client and servers using SOAP and Restful tool to test the web services operations.
- Configured handler mappings and view resolvers in Spring MVC web layer for efficient handling of web requests and responses.
- Hands-on Experience in Developing dynamic pages of the project using JSP/JSTL, HTML, CSS, and JavaScript Frameworks.
- Design and develop J2EE frameworks including MVC, Spring, and Hibernate to implement software applications.
- Deployed applications using Apache and WebSphere and built, deployed, and overlaid the code through GitLab.
- Created Gitlab builds for Application Persistence projects using build runners to generate MSI applications.
- Implemented a GitLab-based CI/CD pipeline for web application, including automated builds, tests, and deployments to multiple environments using Docker containers.
- Proficient in following both Waterfall and Agile methodologies, including Test Driven Development (TDD) and Scrum, to ensure effective project delivery and meeting project requirements within given timelines.

Projects:

Amazon Prime Clone **(React JS, TMDB API, Firebase)**:

- Demonstrated front-end development skills by creating a Netflix clone utilizing TMDB API for movies list and frameworks such as React JS.

Carpool Web Application (React JS, Bootstrap, Mongo DB, Express JS) (In development):

- Currently developing a carpool application exclusively for University of Dayton students using technologies such as React JS, MongoDB, Node JS.
- Integrated Google Maps API into the product to enable features such as location autocomplete, distance calculation between two locations, and ensure the route selected by the driver falls within the city that the user wants to carpool in.

Certifications:

AWS Certified Developer Associate