Vishnu Vardhan Reddy Karam

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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

SKILLS

Coursework: Advanced Programming Data Structures, Algorithm Design, Advanced Linux, Language Based Security, DBMS, OS.

Programming & Frameworks: Java, Spring, JavaScript, SQL, hibernate, Python, React, Go, Bash, HTML&CSS, Webservices (Rest & Soap).

Databases: Oracle, MySQL, MongoDB, PostgreSQL, MS SQL Server.

Operating systems: Windows, Linux/Ubuntu.

Cloud: AWS, GCP

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

Versioning & Build tools: Git, SVN, AWS, BITBUCKET, Jenkins.

Containers & Configuration Management tools: Docker, Kubernetes, Chef.

PROFESIONAL EXPERIENCE

Accenture, BANGALORE

Application Development Analyst   June 2021 – April 2022

- Developed the application using spring framework that leverages the model view architecture, also configured Dependency Injection.
- Experience in Building and Manipulation of data from **API** using **Spring** Domain Model for the services using **core java**.
- Experience in Design, Development, and implementation of J2EE frameworks like **MVC**, **Spring** and **Hibernate**.
- Worked on Relational Database Management Systems including **Oracle**, **SQL Server** and have worked extensively on JDBC to connect and access various remote databases including Oracle, MySQL.
- Experience on working with DevOps team and help automate server and infrastructure configuration using Shell Scripting and build **Docker** images.
- Experience in working web applications deployed on **Amazon web Services (AWS)** and configuring services like AWS Route, Cloud Front, Elastic load balancer, EC2 and RDS
- Developing in building Continuous (CI) and Continuous Deployment (CD) by building custom build and deployment jobs in **Jenkins**.
- Created Clusters using **Kubernetes** and worked on creating many pods, replication controllers, replica sets, services, deployments, labels, health checks and ingress by writing Yaml files.

SLK Software Services Pvt Ltd, Bangalore

Software developer   January 2020 – January 2021

- Assisted with the Design & Development of control layer for integration logic and analyzing the system requirements and used **SOAP** and Restful tool to test the webservices operations. Implemented procedures, Developed **REST** architecture-based web services to facilitate communication between client and servers.
- Being Involved in developing dynamic pages of the project and have strong development skills, including **JSP/JSTL**, **HTML**, **CSS**, **JavaScript** Frameworks.
- Involved in the application deployment process through the Apache, WebSphere, and hands on experience in build, deploy and overlay the code through **GitLab**.
- Working with Gitlab to create **CI/CD** process. Created Gitlab builds for Application Persistence projects using build runners to generate MSI applications.

Incede Technologies Pvt Ltd, Mangalore.

Associate Software Engineer   August 2018-December 2019

- Involved in team developing the UI, layout and front-end programming for the web applications using **HTML**, **CSS**, **jQuery** and **JavaScript** that matches requirements of the sprint.
- Developed Object Oriented JavaScript code and responsible for client-side validations using JQUERY functions.
- MS SQL Server writing **SQL Queries**, **Stored procedures**, functions, and triggers.

Certifications

AWS Certified Developer Associate.

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, Mongo DB, 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 theuser wants to carpool in.