Vishnu M

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Summary

Experienced Full Stack Engineer specializing in Java, Spring Boot and Angular development with expertise in building scalable , RESTful micro services and deploying application on AWS, Proven track record of delivering high-quality software solutions in agile environments.

Education

BE **PERI Institute Of Technology**, Computer Science   April. 2017 to April. 2021
- GPA: 7.4/10.0
- **Coursework:** Software Foundations, Software Design, Object Oriented Programming, Cloud Computing, Algorithms and Data Structures, Machine Learning

Experience

Cognizant technology Solutions, Software Engineer

Chennai, TN
Dec 2021 to Current
2 years 5 months

- Collaborated within an agile environment, particularly in Scrum framework, to ensure effective project delivery and defect resolution for **Comcast**. a leading **cable communication** company in the US.
- Participated in daily scrum meetings and refinement sessions to communicate progress, coordinate tasks, and monitor project performance using **Rally** .
- Implemented solutions to enhance project progression and resolve issues efficiently.
- Assigned to feature stories, non-feature requirement stories, and defects, ensuring comprehensive coverage.
- Established user story artifacts to the cloud via CI/CD pipeline, facilitating seamless integration and delivery.
- Improved code quality by creating integration test cases for more than 6 major micro services, resulting in a 90% increase in test coverage.

Projects

Movie Ticket Booking System

Cognizant technology solution , Programmer Analyst

- Orchestrated the development of a dynamic ticketing platform allowing concurrent bookings for movie screenings; integrated features for viewing booking history and canceling tickets effortlessly, resulting in a 25 per cent increase in booking efficiency.
- **Admin** dashboard helps him to easily manage the movies running in theatre, ticket booked for each show, cancel the show in case of any emergency, add an additional show timing.
- This application is developed in **Micro service architecture** using **Spring Boot**, **REST API**, **JPA Repository**,**Angular** and containerized using **docker** to be deployed in **AWS**.

NutritionX - Nutrition management system

<div align="right">Cognizant technology solution , Programmer Analyst</div>

- Designed an application through which user can track their health, calories and learn to cook Ayurveda reciepes.
- This application is built in **Micro service architecture** using **Spring Boot**, **REST API**, **JPA Repository**,**Angular** and containerized using established in **AWS** as **JAR**.
- For monitoring **Actuator**, **Grafana**, **Prometheous**.

Pension Management System

<div align="right">Cognizant technology solution , Programmer Analyst Trainee</div>

- Created a basic pension management system for user, where they will be able to manage their pension account in ease.

Heart Disease Prediction System

<div align="right">PERI Institute of Technology , Final year</div>

- Innovated a tool that predicts and reduce the cause of heart disease to 50 per cent by feeding a patient's record that concise data bp, fbp, diabetes, … etc.
- This tool is developed in **Python**, **Machine Learning Libraries**, **Jupyter Notebook**, **Anaconda server** and used **Kaggle** for pre-dataset.

Additional Experience And Awards

- Led a pod to successfully complete my first project during the training period.

- **Mentorship Award:** Got an mentor ship appreciation from management for mentoring newly on boarded Interns.

Technologies

Languages: Java 8,

Frameworks: Spring Boot 2.7.5, Spring Reactive, REST API, Micro services

Server: Tomcat

Frontend: Angular 8, HTML, CSS, Bootstrap

Database: SQL

Tools/Technologies: Git/GitHub, Postman, CI/CD (Go-CD, Concourse), AWS (Amazon Web Services)