Ashwin Sundar Ram

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A full stack developer who is passionate about computers, looking for a position where I can continue to develop my skill sets and cement my core technical knowledge.

EXPERIENCE

Cognizant, Bengaluru — Programmer Analyst

October 2021 - PRESENT

Microservices using Spring Boot in JAVA - Core Spring Framework, Spring Boot, Spring JDBC and JPA, JUnit and Mockito testing using Spring.

Created a Microservice with UI in Spring Boot/ Java of the Shopping Cart where product or order details can be added, retrieved or deleted using RestTemplate to call the services.

Developed API endpoints to access the REST API's of Gitlab and Jenkins to retrieve, submit, create Merge Request and automate deployment.

PoC on Typed List Builder based on ReactJS that creates a dynamic form based on the Casandra script file uploaded or providing parameters to fetch the script from Git repository, update and commit to Git, create Merge Request and even deploy the API to Jenkins through single click.

Created Login form with Register/Forgot Password functionalities and using validations in ReactJS.

Worked on creating a To-Do list application with a user interface to delete, add or update any To-do's and password protected with Spring Security library.

EDUCATION

Delhi Public School, Navi Mumbai

CBSE Board - 10th grade - 8.6 CGPA

Pace Junior Science College, Navi Mumbai

Maharashtra State Board of Secondary and Higher Secondary Education

PCM + Electrical Maintenance - 78.92%

CMR Institute of Technology, Bengaluru

AUGUST 2017 - AUGUST 2021

Visvesvaraya Technological University (VTU)

B.E - Electrical and Electronics Engineering - 8.17 CGPA

SKILLS

ReactJS.

HTML5, CSS3, JavaScript

Spring Boot, Postman

Microservices, REST Services,

JUnit, Mockito

Core JAVA, MySQL.

CERTIFICATES

Introduction to Programming Using Python

Introduction to Programming Using Core Java.

Embedded Systems and IoT

LANGUAGES

English, Hindi, Tamil, Malayalam

INTERESTS

Keeping track of new technologies

Playing Football

Microservices Shopping Cart application PoC -02/2022 to 03/2022

Created a Shopping Cart application using Spring Boot with UI functionality.

Worked with MongoDB and H2 database for CRUD operations.

Design of webpage using CSS.

Used Eureka Server and Discovery Client to implement Microservices.

Created JUnit and Mockito test cases for code coverage.

To-Do list application using Spring Boot -02/2022 to 02/2022

Single page web application with CRUD operations.

Login form using ReactJS -08/2022 to 09/2022

Created a Login Form using ReactJS.

Multi page website with Register, Forgot Password, and Login functionalities.

Implemented appropriate validations for each functionality.

Design and animating the web page using CSS.

Smart Home Lighting System - 08/2018 to 10/2018

Smart Home Lighting System using PIR sensors, Arduino UNO, LDR.

Remote Controlled DTMF Rover with a global communication range - 02/2019 to 04/2019

Using a DTMF Decoder used in cell phone, two cell phones can be used (sender and receiver) to control the direction of movement of a rover over long range distances.

Robotic Arm Using Servo Motors-08/2019 to 10/2019

Using Servo Motor, Joystick Module and Arduino UNO Robotic Arm can be used for pick and place of any items like fruits etc.

Voice Recognition and Object Detection Robot-10/2019 to 07/2021

Designed and built a low cost voice-controlled assistant that is capable of aiding the visually impaired by locating and identifying the required object as instructed by voice command and guiding the user to the general location of the requested object.