KARRA SAI KARTHIK
SOFTWARE DEVELOPER

Summary

Experienced Software Developer with over a year's focus on React JS, Java, and Node JS development. Skilled in creating thorough test plans and automating test cases for efficient testing. Offers valuable insights in product design reviews, contributing to robust software solutions

Contact

✉ karrasaikarthik2001@gmail.com
☎ +918466952226
📍 Hyderabad, Telangana, India

in https://www.linkedin.com/in/karthik-karra
○ https://github.com/Karthik-2598

Employment

Centre for Development of Telematics(C-DOT)   New Delhi
Software Developer   Feb. 2023 to Current

1. NATIONAL SECURITY PROJECT:
   a) Ideated and developed the web pages using Java and JavaScript libraries.
   b) Managed the data operations and user management roles in the web application using the PostgreSQL database.
   c) Validated and performed API testing on the developed features to ensure an efficient workflow.

2. MOBILE-ENHANCED DISASTER RESILIENT THROUGH CELL BROADCAST EMERGENCY ALERTING:
   a) Ideated and developed the website applications using React JS and Node JS frameworks.
   b) Developed the user-role management, and session management workflows in the applications using the React Libraries.
   c) Managed data-driven operations using MySQL and Mongo databases.
   d) Performed API testing, Functional Testing, and Stress Testing on the web applications to ensure an efficient workflow.
   e) Worked on the Automation of the Web applications using the Cypress tool to reduce the time and manual effort for testing.
   f) Worked on developing the scripts using Shell and Bash to develop the automated scripts.
   g) Met the timeline deliverables to successfully deliver the projects by collaborating with co-workers.

Wipro   Remote
Java-GCP Intern   Apr. 2022 to Sept. 2022

1. Trained in technologies such as HTML, CSS, JavaScript, Java, Docker, and MySQL Database.
2. Received training in the Angular JS Framework.
3. Received training in cloud computing infrastructure, storage, and network through Google Cloud Platform.
4. Developed an e-commerce website and deployed it on the cloud platform.
5. Successfully met timeline deliverables and deadlines.

Projects

Food Order App   Sept. 2023 to Oct. 2023

1. This application has been developed using React as the client-side framework and Node as the server-side framework.
2. The application reflects features like user management, Session management using the JWT Tokens, Cart functionality, and Search functionality

Chat Application   Aug. 2023 to Aug. 2023

created a chat application using Node.js and react.js. Here react code will act as Client side and Node will act as Server side. The communication between client and server is done using the socket communication.

Shop For Home   July 2022 to Aug. 2022

1. This project is developed with the team of 6 individuals.
2. An e-commerce website featuring online home decor using the Angular framework, Java, and Spring Boot Architecture.
3. This website reflects features like User management, Product Filters and Search functionality, and Cart functionality.
4. Later, the same application is deployed in the Bucket Storage of the Google Cloud Platform using the Kubernetes deployment

Food-App with UI/UX   Oct. 2022 to Oct. 2022

Ideated and Developed the Food order applications with landing pages.
Indulged in using the wireframes and prototype concepts in UI/UX.
Developed using the Figma Tool

Skills

LANGUAGES: HTML, CSS, Java, JavaScript, UI/UX
FRAMEWORKS: React JS, Node JS, Express JS
DATABASE: MySQL, PostgreSQL, MongoDB
OPERATING SYSTEMS: Windows, Linux
MISCELLANEOUS: Datastructure and Algorithms, Problem Solving, Version Control(Git), Docker and Kubernetes, Cloud Computing

Education

Guru Nanak Institutions Technical Campus   June 2018 to Sept. 2022
Bachelor of Technology Electronics and Communication Engineering 2022
* Secured a total of 9.2 GPA/CGPA
* Honoree of Gold Medal for Academic Excellence.
* Authored and Published the Research paper on the IJSEAS website titled as Blind Assistive Device in Shopping Malls.
* Telecommunication Intern, BSNL , Completed in 2021
* Completed Coursework of IOT, Sensor Technology through Adobe RedHat
* Completed Coursework of Satellite Communications through Coursera.
* Completed Coursework: Java programming through NPTEL.

Publications

DEVELOPMENT OF BLIND ASSISTIVE DEVICE IN SHOPPING MALLS   June 2022 to July 2022
The visual impaired people will find easy way of shopping their necessities using the device developed.
Link: https://ijseas.com/issue-archive-2/volume-8/issue6/

Awards

Guru Nanak Institutions Technical Campus · Gold Medal for Academic Excellence   Sept. 2022
Honouree of the Gold Medal for academic excellence in the department of Electronics and Communication Engineering with CGPA 9.20