Sri Harshini Popuri

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Summary

- Proficient Frontend Developer with more than 4 years of experience with JavaScript and related frameworks.
- Highly skilled in HTML, CSS, and JavaScript with proficiency in ReactJS, TypeScript, and frontend frameworks. Experienced in creating intuitive user interfaces and has experience with UI/UX design tools like figma, Adobe xd.
- Proficient in using development tools such as Git, Jira, Docker, and CI/CD pipelines to ensure efficient and collaborative software development processes.
- Led teams in developing innovative solutions, including a Blockchain-based decentralized medical records platform, demonstrating expertise in ReactJS, Blockchain, and encryption.
- Worked seamlessly within multidisciplinary teams, contributing to code reviews, conducting unit tests, and ensuring seamless communication between software components.
- Holds certifications in MuleSoft and Dell Boomi, showcasing a commitment to professional development. Published author with a strong academic background, reflecting a combination of practical and research-oriented skills.

Skills

Development Languages
C, Java, Python.

Tools
Git, Jira, MuleSoft, Dell Boomi, Eclipse, Visual Studio Code, PyCharm, Selenium, MS Office , Docker, Kubernetes, CI/CD Pipelines

Web Technologies
HTML, CSS, JavaScript, TypeScript, ReactJS, Figma, Bootstrap.

Others
Maven, Spring, Springboot, MVC, Microservices, Groovy, JUnit, RESTful API.

Professional Experience

Frontend Developer, *NASCO*　03/2022 – present
- Collaborate with a team to design, develop, and maintain software applications.
- Worked with frontend frameworks and libraries, such as React, Angular, or Vue.js.
- Collaborate with UI/UX designers to implement visual elements into web applications.
- conducted unit tests using testing frameworks like JUnit or PyTest to ensure the reliability and robustness of the software.
- Contribute to code reviews, offering and incorporating feedback to enhance code quality.
- - Work on database systems using database management tools like MySQL Workbench.

Software Engineer, *Capgemini*　05/2020 – 03/2022
- Developed client projects using Java and Spring Boot, adhering to Microservices architecture principles.
- Led the team in designing, coding, and implementing new algorithms to solve complex problems efficiently.
- Employed CI/CD pipeline architecture (Jenkins, GitLab) and version control systems to ensure continuous integration and deployment.
- Utilized technologies like MuleSoft and Dell Boomi to integrate and automate storage applications, APIs, and business relations.
- Conducted API testing to ensure seamless communication and data integrity between software components.
- Developed automation scripts to perform Regression testing for every modification in the application using Selenium WebDriver using JUnit Framework.

UI Designer, *SportsWAN*　01/2019 – 09/2019
- Developed and implement a web application for task management.
- Utilized HTML, CSS, and JavaScript to create an intuitive user interface and dynamic task tracking.
- Incorporated a backend server using Node.js to handle data storage and retrieval.

Education

Bachelor of Technology in Computer Science and Engineering, *Institute of Aeronautical Engineering*

Master of Science in Computer Science, *Kennesaw State University*

Projects

eMedic: Decentralized Medical Records Platform,
ReactJS, Blockchain, Encryption, Solidity, HIPAA Compliance, Smart Contracts
Developed decentralized medical records platform built on ReactJS. Engineered secure, permissioned blockchain for confidential patient data storage. Developed a user-friendly interface for patients, doctors, and administrators, ensuring seamless data access and management. Integrated advanced encryption techniques to safeguard sensitive medical information. Automated data updates and record sharing while adhering to HIPAA compliance standards.

My-Watchlist, *NextJS, TypeScript, React, Python, Flask*
Built a comprehensive movie and TV series discovery platform using cutting-edge technologies such as ReactJS. The project focuses on providing users with seamless access to detailed information about streaming platforms for their favorite content.

Issue Tracker Management, *Java 8, MySQL, React.js, Docker*
A project/issue management tool that's tracks the status of issues or tasks in a project based on a Kanban board based UI. Users can update the status of a task, assign it to users and easily keep track of their issues.

Certification

Mulesoft Certified Developer ⬈
Level 1

Associate Developer Certification 2021
Dell Boomi

Professional Developer Certification 2021
Dell Boomi

Publications

Security to IOT devices using Blockchain, *(ICCES 2019)*

Convolutional Neural Network-based Automatic Extraction and Fine Generation, *(ICIRCA 2020)*