SWARNA VARRSINI S

SOFTWARE ENGINEER/FRONT END DEVELOPER

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PROFILE SUMMARY

Dedicated Software Engineer with 2+ years of experience in Front-end Development, specializing in JavaScript and React. Proven track record in optimizing user interfaces, enhancing web performance, and leading integration projects. Seeking a challenging role to leverage my technical expertise and drive organizational growth.

Find more about me in below links:
LinkedIn | Hackerrank | GitHub

TECHNOLOGIES

Programming Languages

- JavaScript
- SQL
- Java
- HTML
- CSS
- Typescript

Libraries & Frameworks

- React
- Jest
- Axios
- Tailwind
- Redux
- React Router

Version Control System

- GIT

Pipeline

- Jenkins

Database

- MySQL

SDLC

- Jira
- Agile

Software Tools

- *IDE* : IntelliJ, VS Code, Eclipse
- *DB tool:* MySQL workbench, Dbeaver
- *WEB:* Postman, Swagger, REST, SOAP UI
- *VCS:* Bitbucket, Gitlab
- *CI/CD:* Jenkins
- *OS (worked in):* macOS, Windows, Linux

WORK EXPERIENCE

Infosys   **May 2022 - Present**

System Associate

- Developed and optimized user interfaces using JavaScript and ReactJS for clients like BNSF and Walmart. Built responsive front-end components, enhancing user experience and engagement.
- Collaborated with back-end developers to integrate front-end components with server-side logic. Ensured seamless data flow and consistent functionality across the application.
- Implemented Git for effective code management and team collaboration, ensuring code quality and version control best practices were followed.
- Improved site performance by refining code and implementing industry best practices. Focused on optimizing load times and overall responsiveness of the applications.
- Conducted thorough testing and debugging of web applications to identify and resolve issues, ensuring high reliability and usability.
- Utilized React Testing Library to create automated test suites, ensuring the reliability and functionality of front-end React applications through systematic testing.

SOFT SKILLS

Team Work **- Client Satisfaction:**

- Consistently managed client expectations and delivered projects on time and within scope, achieving high client satisfaction through proactive communication and issue resolution.

Communication:

- I train juniors in React by communicating clearly, adapting to their learning styles, and fostering continuous growth in a supportive environment.

ACHIEVEMENTS

- Got a ***Rise Award - Lead the Way*** for my KT contribution and training to juniors.
- Took ownership and successfully completed E-commerce POC project during training that got recognition and appreciation from leads.

CERTIFICATIONS

- *Azure Cloud Fundamentals.*
  -Microsoft .
- *Java - SE8 Developer*
  -Infosys.
- *Front End Developer (REACT)*
  -HackerRank.
- *Javascript (Intermediate)*
  -HackerRank.

EDUCATION

Bachelor's Degree in Computer Science

Pavai Arts And Science College, Namakkal   2018 – 2021

PROJECTS

Payroll Processing Retail - Walmart Inc

- ***Frontend Development:*** Designed and implemented a user-friendly ReactJS interface for Walmart's Payroll Processing, reducing errors by 250 per month.
- ***Backend Integration:*** Collaborated on integrating frontend with Dbeaver server, improving data retrieval speed by 1.3 times.
- ***Feature Implementation:*** Transitioned payroll processing from biweekly to weekly, cutting processing times by 4 hours per cycle.
- ***Security and Advanced Features:***
  - Integrated JWT authentication, reducing unauthorized access incidents by 200 annually.
  - Implemented React Routing and infinite scroll for enhanced user navigation and experience.
  - Enhanced data handling with Axios and Redux for efficient state management.
- ***Performance Enhancements:***
  - Optimized React components and implemented lazy loading, reducing load times significantly.
  - Used memoization techniques to improve performance during peak usage.
- ***Technologies:*** ReactJS, Dbeaver, JavaScript, HTML, CSS, JWT, Axios, Redux.

BNSF Shipment Tracking Enhancements

- ***Enhanced Tracking Features:*** Implemented Map View, Save Search, and Tracking Tiles, enhancing shipment tracking and reducing customer support inquiries by 500 per month.
- ***Routing for Navigation:*** Implemented React Routing, reducing page load times by 1.5 seconds and improving user experience during transitions.
- ***Performance Enhancements:***
  - Optimized React components, reducing rendering times by 2 seconds.
  - Implemented lazy loading, reducing initial load times by 2.5 seconds.
  - Enhanced Axios data fetching, reducing API call latency by 150 milliseconds per request.
  - Leveraged code-splitting, reducing main bundle size by 300KB.
- ***Technologies used:*** ReactJS, JavaScript, HTML, CSS, React Router, Axios.