

Suhas Pindiprolu

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PROFESSIONAL SUMMARY

- Around than 3 years of experience in developing and designing user friendly, cross browser compliant web sites, and User Interface (UI) applications using *HTML5, CSS3, JavaScript with React.js, Redux, Express.js and Node.js*.
- Optimized website loading speed by 15% through efficient code refactoring techniques in React.js by using lazy loading.
- Experience in using *Redux-Thunk* in to consume *RESTful Webservices*.
- Deep understanding of *Agile* methodologies and ability to collaborate with cross-functional and scope the tasks into stories on Tracking Tool *JIRA*.
- Experienced in developing RESTful web services and APIs using *JSON* as the data format.
- Implemented accessibility best practices, resulting in an improved user experience for all users, measured by a 20% increase in accessibility score using tools like *Lighthouse*.
- Knowledge of *Dev-Ops* and *CI/CD* pipelines with the demonstrated ability to improve the work flow and increase the *MTTR* (*Mean Time to Respond*) of Applications using *Jenkins, SonarQube*.

WORK EXPERIENCE

NanoCollect Biomedical INC Software Development Engineer Intern

San Diego, CA
07/2022 - 12/2022

- Optimized website loading speed by 15% through efficient code refactoring techniques in React.js by using lazy loading
- Led development of reusable user interface (UI) components and increased code maintainability across multiple projects
- Integrated Jest's snapshot testing feature to capture component render outputs and compare them for future regression testing, resulting in a 5% reduction in regression bugs identified during the testing phase
- Improved query time by 10% through the implementation of server-side pagination using Django and PostgreSQL
- Collaborated with the development team to identify and resolve backend bottlenecks, resulting in a 25% increase in system efficiency

Zensar Technologies Software Engineer

Pune, India
10/2018 - 05/2021

- Improved cleansing rate of test data by 20% by implementing RESTful API on Java and displaying it on webpage using React.js, Redux
- Integrated Redux Thunk middleware to handle asynchronous actions, improving data fetching and enhancing user experience.
- Implemented code splitting and lazy loading techniques using React.lazy and React Router, reducing initial bundle size and improving page load time by 40%.
- Built and integrated microservices architecture that resulted in a 10% reduction in integration time with third party APIs by developing RESTful APIs on Spring

PROJECTS

Inventory Management

- Designed an inventory management system using Node.js, Express.js, GraphQL, React.js, MongoDB Atlas, and Bootstrap, resulting in an efficient and scalable solution
- Enhanced user experience by engineering a responsive and user-friendly user interface (UI) using React.js and Bootstrap
- Improved data retrieval and communication between the client and server by formulating and designing API endpoints using GraphQL and the Apollo library

University Course Registration Portal

- Delivered a user interface for university course registration portal, facilitating seamless registration for 2000+ students, by utilizing React.js and Node.js
- Implemented data fetching functionality to retrieve and manage data from external APIs using Axios library
- Secured user authentication tokens to store and retrieve tokens securely in the client-side browser environment by utilizing the Local Storage API of JavaScript

SKILLS

- Languages: JavaScript, Java, Python, Typescript
- Database: SQL, PostgreSQL, MySQL, MongoDB
- Tools: AWS (EMR, S3), Jira, POSTMAN, Webpack, Gulp, NPM, Yarn, Docker
- Technologies: React.js, Express.js, Node.js, Git, Tortoise SVN, Spring, Django, GraphQL, Redux

EDUCATION

Master of Computer Science
San Diego State University, GPA 3.63

08/2021 - 05/2023
San Diego, CA

Bachelor's in Computer Engineering
Savitribai Phule Pune University, GPA 3.15

08/2014 - 05/2018
Pune, India