

# Suhas Pindiprolu

San Diego, CA 92115

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## PROFESSIONAL SUMMARY

- 3 years of full stack engineering experience with the ability to optimize website loading speed by 15%
- Reduced initial bundle size by 50%, reducing regression bugs by 5% and improved query time by 10%
- Possessing experience in back-end development utilizing Java, Django, Spring NodeJS and dynamic Language Python
- Improved cleansing rate of test data by 20% and Improved database query performance by 20% in 2 years. Well versed with front-end technologies such as ReactJS, jQuery, AJAX, and ES6 & ES7

## 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
- Actively involved in back-end design of the application, leading the efforts to improve system performance and scalability through effective database normalization techniques.
- 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
- Collaborated with cross-functional teams to optimize database query performance by 20% through the implementation of normalization techniques, resulting in faster data retrieval and improved system responsiveness

## 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

### MS in Computer Science

San Diego State University, GPA 3.63

08/2021 - 05/2023

San Diego, CA

### BE in Computer Engineering,

Savitribai Phule Pune University, GPA 3.15

08/2014 - 05/2018

Pune, India