SREE GURU CHARAN

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CAREER SUMMARY:

Software Engineer professional with **5 YEARS** of experience in building scalable and maintainable Software. Proven track record of delivering high-quality solutions that meet business needs and enhance user experience. Passionate about learning new technologies and applying them to solve complex problems.

SKILLS AND STRENGTHS:

- **Programming / Scripting Languages :** JavaScript (Proficient) , Java (Proficient) **,** Python.
- **Web Development :** ReactJs, Redux, Saga, Typescript, Tailwind.
- **Back-End :** NodeJS , ExpressJs, NestJS , REST, GraphQL
- **Frameworks:** Spring, Spring Boot, Hibernate.
- **Databases :** MySQL, PostgreSQL, Elasticsearch.
- **CI-CD Tools:** Docker, Kubernetes, GIT, Helm.
- **AWS:** SQS, S3, EKS, ECR, SNS , Lambda.
- **Others:** DSA, Kafka, Microservices, Micro frontends, Redis, Kong, Nginx, Unit testing, Jasmine, Karma, JUnit and Mockito

EXPERIENCE:

JTCP @ CSU Long Beach   **Long Beach, CA**
Web Developer   **Apr 2022 – May 2023**

- Led the Development and ongoing maintenance of the JTCP Caltrans web portal and successfully executed a migration process, upgrading the app to latest versions of React utilizing functional components and Hooks.
- Built and deployed a lightweight Web Application for Course Enrollment and Management using React and Nodejs which made organizational administrative tasks easy and significantly improved productivity by 25%.
- Automated the entire process of payments transfer using NodeJS achieving a remarkable 90% reduction in overall processing time and increased the productivity of program coordinators.
- Conducted a comprehensive re-design of MYSQL database schema such that the database is efficient, understandable, and normalized and to facilitate easy comprehension for new developers joining the project.
- Conducted a thorough refactoring of the codebase, adhering to SOLID design principles to enhance maintainability. Successfully decomposed the monolithic app into multiple microservices promoting modularity and scalability.

BERKADIA   **Hyderabad, India**
Software Engineer   **Jul 2019 – Oct 2021**

- Delivered RESTful Web APIs using Node.js, express framework. Utilized Microservices architecture, employing an API Gateway to manage and coordinate the overall architecture.
- Designed an established a CI workflow for application to ensure efficient deployment.
- Developed multiple reusable components in Angular and ReactJS reducing code duplication and ensuring consistency.
- Architected and deployed GraphQL schema and servers to seamlessly support mobile and web clients.
- Conducted code reviews adhering to clean coding standards and applied SOLID design principles and appropriate Design patterns to enhance code quality, maintainability, and extensibility.
- Built and deployed a backend service that streams geospatial data from AWS S3 and efficiently indexes it into Elasticsearch. Achieved a significant performance improvement, reducing page load time by 20%.
- Designed and implemented a robust data ingestion pipeline that interfaces and ingests data from external sources outside the organization and ensured seamless and efficient integration.
- Designing flexible schemas for various Elasticsearch indexes that deal with geospatial data ensured efficient storage, retrieval, and querying.
- Architected and deployed event-based systems to keep microservices loosely coupled.
- Implementing Test-Driven Development (TDD) best practices into code to ensuring comprehensive test coverage and actively participated in Project Requirement discussions, Architecture decisions and Design reviews.

BERKADIA   **Hyderabad, India**
Associate Software Engineer   **Jan 2018 – Jul 2019**

- Employed automation techniques to optimize and streamline financial processing operations, resulting in a remarkable 80% decrease in the time required to complete financial processing.
- Developed and Reshaped Angular components into a reusable NPM package by developing loosely coupled components. Improved modularity and reusability across projects.
- Incorporated Test-Driven Development (TDD) best practices into code along with unit testing and Integration testing to ensure functional correctness.
- Designed and Developed OCR tool in a team of 5 for reading data from Non-Searchable PDF documents. Contributed to the development process and evaluating OCR algorithms and data extraction techniques.

EDUCATION

- Master's in computer science from California State University, Long Beach, CA.
- Bachelor of Technology from Vardhaman College of Engineering, Hyderabad, India.