SAI KUMAR TATA

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WORK EXPERIENCE

TeamCal Ai   Mountain View, CA
Full Stack Developer   June 2023 – September 2023

- Deployed 7 innovative features including schedule stats and automated email responses, utilizing PHP, Git version control and CodeIgniter to enhance application efficiency and responsiveness.
- Designed and implemented interactive user interfaces for two major pages using JavaScript and jQuery, continuous improving the user engagement by 25%.
- Spearheaded the integration of React.js, contributing significantly to the SDLC from design to software deployment on cloud platforms.
- Identified and resolved 18 critical issues in time scheduling and User Experience (UI/UX), reliability and user satisfaction.
- Directed a cross-functional team of five, fostering a collaborative environment to maintain high standards in UI consistency and integration between front-end and back-end systems.

Ionixx Technologies Private Limited   Chennai, India
Programmer   April 2021 – September 2022

- Redesigned and optimized 20% of the RESTful APIs for a financial trading platform using Spring Boot, Git version control and GraphQL, achieving enhanced performance and scalability in an Agile development.
- Crafted 35% of (JOOQ) SQL queries, optimized data retrieval with Redis caching, and utilized Amazon S3 for deployment, ensuring efficient data management.
- Established FTP server connectivity, enabling streamlined storage management in a Microservices Architecture, ensuring data integrity, JUnit testing to validate data integrity with 100% validation.
- JWT-based authentication & authorization, ensuring secure access control, role-based permissions on the trading platform.
- Collaborated with clients and teams to redesign 60% of trading calculations, improving user retention by 40%.

FXMKT Technologies   Chennai, India
Full Stack Developer   February 2021 – May 2021

- Led 85% of a full-stack e-commerce website, used MySQL, utilizing PHP technologies.
- Implemented an interface JavaScript for purchasing items, allowing users to customize clothing based on preferences.
- Deployed applications on AWS, ensuring efficient scaling and high availability, and integrating front-end optimizations with Redux and ECMAScript (ES6+).

TECHNICAL SKILLS

Programming Languages: Java 11, PHP 8.2, JavaScript, Python | **Scripting Languages:** React.js, Node.js, Vue.js, Typescript
Web Services: Rest API's| **Web Technologies:** HTML5, CSS3, ES6, Spring Boot,Kafka, React Native, JOOQ, gRPC, GraphQL
Software / Tools: Anaconda, Jasper, FileZilla, IntelliJ, Eclipse, GitHub, Postman, Bitbucket
Project Management: JIRA, Trello | **Database:** MySQL, PostgreSQL, Firebase

EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems   New York, NY
Master of Science (MS) in Computer Science | **Concentration:** Full Stack Developer   May 2024

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology   Chennai, India
Bachelor of Science (BS) in Computer Science| **Concentration:** Software Engineering   May 2021

ACADEMIC PROJECT

Full Stack Developer – Fake News Detection using Machine Learning | GitHub   December 2023 – May 2024

- Pioneered the development of algorithms to detect fake news, employing Python and TensorFlow for machine learning and deep learning techniques, contributing to 70% of the project's implementation in IT.
- Integrated advanced features into a Firebase-based web application and from initial requirements analysis and analysis to deployment on AWS, covering 60% of the full development lifecycle (SDLC) in Agile development.