

SAI KUMAR TATA

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WORK EXPERIENCE

TeamCal Ai

Mountain View, CA

Software Developer

June 2023 – September 2023

- Developed 7 features in TeamCal Ai, including schedule stats, email responses using PHP and CodeIgniter framework for backed development.
- Designed and implemented backend logic for 2 pages with interactive user interfaces, enhancing user experience by 25%, using frameworks.
- Conducted comprehensive research on three cutting-edge technologies, including React.js and a vital library, establishing the foundation for a Google Chrome extension for web app in SDLC.
- Discovered and addressed 18 issues related to time scheduling and UI/UX, resulting in significant improvements.
- Managed a 5-member cross-functional team to ensure consistent User Interface design, used MySQL database and seamless frontend and backend integration.

Ionixx Technologies Private Limited

Chennai, India

Java Programmer

April 2021 – September 2022

- Redesigned 20% of the RESTful APIs for an existing trading platform at drive wealth company using Spring Boot, Maven, gRPC, version-control (git), GraphQL, and AWS for scalability in an Agile manner (JIRA).
- Crafted 35% of the queries in JOOQ, incorporated cache with Redis and Amazon S3 for deployment.
- Established connectivity with FTP server for efficient storage management in a Microservices Architecture environment.
- Deployed authentication & authorization (OAuth) using JSON Web Tokens (JWT), ensuring role-based access and permission management, JUnit testing to validate data integrity and ensure 100% validation across the application.
- Collaborated with the client and development teams to redesign 60% of the trading calculations and quality checked processes, resulting in a 40% improvement in user retention and experience.

FXMKT Technologies

Chennai, India

Full Stack Developer

February 2021 – May 2021

- Developed 85% of e-commerce website, Custom Cloth, focusing on backend development using Java and Spring Boot.
- Engineered backend logic for five features, including the shopping cart, using Java and Spring Boot, enhancing the overall shopping experience for users.
- Implemented backend functionality for user customization of clothing based on interests, utilizing Java.

TECHNICAL SKILLS

Programming Languages: Java 8, Java 11, PHP 8.2 | **Scripting Languages:** JavaScript, React.js, Node.js, Python

Web Services: Rest API's | **Web Technologies:** HTML 5, CSS 3, Spring Boot, Spring WebFlux, Redis, Swagger, JOOQ, gRPC, GraphQL

Software / Tools: IntelliJ IDE, Eclipse, Jasper, FileZilla, Postman, Bitbucket

Project Management: JIRA, Confluence, Trello | **Database:** MySQL, PostgreSQL, Redis, Firebase

EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems

New York, NY

Master of Science (MS) in Computer Science | **Concentration:** Software 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

Developer – Fake News Detection using Machine Learning | [GitHub](#)

December 2023 – May 2024

- Developed machine learning and deep learning algorithms using Python and TensorFlow for backend processing test-driven development to analyze textual features and detect patterns associated with false narratives in news articles.
- Integrated backend functionality into the web application using Python and flask, ensuring seamless integration with the frontend. Deployed the application on AWS, ensuring scalability and reliability.