

# SAI KUMAR TATA

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## PROFESSIONAL EXPERIENCE

### TeamCal Ai

Mountain View, CA

Full Stack Developer

June 2023 – September 2023

- Developed 7 features in TeamCal Ai, including schedule stats, email responses using PHP and the CodeIgniter framework for web app.
- Designed 2 pages with interactive 25% user interfaces, utilizing JavaScript and jQuery to enhance user experience.
- 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.
- 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 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, Spring WebFlux, gRPC, Figma, GraphQL, jOOQ, Swagger scalability in an Agile manner.
- Implemented six different menu input validation and error handling mechanisms, ensuring data integrity & 100% validation.
- Crafted 35% of the queries in jOOQ, coded in Java, incorporated cache with Redis and peer-tested in the User Interface.
- Deployed authentication & authorization using JSON Web Tokens (JWT) for secure access control to the trading platform, ensuring only authorized users can perform specific actions.
- 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 a full-stack e-commerce website, CustomCloth, and implemented a user-friendly interface using JavaScript for browsing and purchasing items. The interface allows users can customize clothing based on interests.
- Engineered five features like shopping cart using PHP. This Features enables customers to manage items before checkout, thereby enhancing the overall shopping experience.

## 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:** Anaconda, Jasper, FileZilla, IntelliJ, Eclipse, Github, Postman, Bitbucket

**Project Management:** JIRA, 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 Engineering

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 to analyse textual features and detect patterns associated with false narratives in news articles, contributing to 70% of the project's implementation and business model.
- Integrated three features into the web application (in Firebase) using React and deployed the application on AWS. Encompassed 60% of the development and API integration within the SDLC.