

# Sai Teja Thalari

📞 (512) 915-5869 ✉️ [tsaiteja1122@gmail.com](mailto:tsaiteja1122@gmail.com) 🌐 -SaiTeja 🗣️ saiteja 📁 Portfolio 📍 Austin, TX

## Education

**The University of Texas at San Antonio**

**Aug 2022 - May 2024**

*Master of Science in Computer Science*

*GPA: 3.66/4.0*

**Relevant Coursework:** Operating Systems, Data Science, Data Mining, Cloud Computing, Computer Architecture, Compilers, Artificial Intelligence, Probability, Software Engineering, Analysis of Algorithms/Data Structures.

## Skills

**Programming Languages:** HTML5, CSS3, JavaScript, Python, C, TypeScript, Java, Bash, Shell Scripting, PHP

**Libraries:** NumPy, Pandas, Matplotlib, Vuex, Redux, NPM, jQuery, React.js

**Frameworks:** Vue.js, Adonis.js, Tailwind CSS, Bootstrap, PySpark, Node.js, Flask, Laravel, Django, Svelte

**Software Tools & Techniques:** Git, Docker, PyCharm, REST API, Postman, JSON, Figma, DOM manipulation, AWS, GitLab, UI/UX, Linux, Webflow, CI/CD, Webpack, Agile

**Databases:** MySQL, MongoDB, PostgreSQL, GraphQL, SQL, Redis, NoSQL

## Experience

**Cate AI**

**Dec 2023 - Apr 2024**

*Full Stack Engineer-Intern*

*Austin, TX*

- \* Led front-end development with Vue.js, creating responsive interfaces that boosted user engagement by 20%. Contributed to system design and collaborated on defining UI/UX best practices.
- \* Engineered real-time data functionalities in PHP, enhancing data accuracy by 15% and overall system reliability through robust testing and optimization.

**The University of Texas at San Antonio**

**Jan 2023 - May 2024**

*Computer Science Grader*

*San Antonio, TX*

- \* Delivered detailed evaluations for computer science courses in systems engineering, web technologies, and cloud computing; fostered student performance through thorough code reviews and targeted feedback, using automation testing strategies to enhance code quality.

**Tata Consultancy Services**

**Aug 2021 - Aug 2022**

*Software Engineer*

*Hyderabad, India*

- \* Built and refined front-end interfaces using HTML5, CSS3, JavaScript, React.js, and Vue.js, achieving a 40% reduction in development time by leveraging reusable components and optimization strategies. Ensured applications were high-performing. Worked with RESTful APIs and explored emerging technologies to advance development practices.
- \* Established CI/CD workflows and integrated version control with Git, streamlining deployment processes and improving release efficiency. Collaborated with UX/UI designers and backend engineers to deliver high-quality solutions, engaging in code reviews to maintain standards.

**Vihasta Solutions**

**July 2020 - Sept 2020**

*Junior Web Developer-Intern*

*Hyderabad*

- \* Developed responsive web applications using HTML5, CSS3, and JavaScript, employing modern design techniques to achieve a 25% increase in user engagement. Gained practical experience with industry-standard tools.

## Projects

**Home Rental Management System** | *Vue JS, Tailwind CSS, Adonis JS, Node JS, Postgres*

- \* Led the creation of a full-stack rental platform with a Vue.js frontend for a seamless single-page application, utilizing Tailwind CSS for a modern design. Developed a RESTful API with AdonisJS and Node.js, and integrated PostgreSQL for secure and scalable data storage. Enabled real-time updates and dynamic content rendering.
- \* Enhanced SEO and load times with server-side rendering (SSR) in Vue.js. Utilized Docker for environment consistency and integrated continuous testing practices and CI/CD pipelines to ensure robust and reliable deployments.

**AI-Powered Image Generation Platform** | *PHP, Laravel, OpenAI*

- \* Engineered an innovative image generation platform using PHP and Laravel, integrating OpenAI's API to produce unique images based on user prompts. Designed and implemented a robust backend system to manage user interactions and API communication, demonstrating expertise in advanced PHP development and AI technology.

**Full Stack E-commerce Website** | *Vue Js, Laravel, Pinia, Stripe, MySQL*

- \* Created a feature-rich e-commerce site with a Vue.js frontend and a secure Laravel backend. Integrated Stripe for seamless payment processing and utilized Pinia for state management, improving reliability and user experience.
- \* Architected microservices with Docker to scale components independently. Optimized backend performance using Laravel's advanced query and caching capabilities. Deployed CI/CD pipelines with GitLab for automated testing.

**Music Streaming Application** | *HTML, Javascript, Tailwind CSS, MySQL, Vuex, Axios*

- \* Designed a music streaming application using Vue.js for a responsive single-page experience and Tailwind CSS for modern design. Integrated Axios for efficient API interactions and Vuex for state management, ensuring a smooth user experience.
- \* Employed lazy loading and code-splitting to enhance performance and reduce initial load times. Implemented real-time data streaming with WebSocket for live music updates and user interactions.

## Achievements

- \* Certified Oracle Cloud Infrastructure Generative AI Professional, August 2024.
- \* Computer Science Department Scholarship: Awarded for two years in recognition of academic excellence at UTSA.