JAYANTH GAJULA

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PROFESSIONAL EXPERIENCE

YStem and Chess Inc, Remote   **Boise, Idaho**
Software Engineering Intern   Jan 2025 - Present

- Utilized React TypeScript to migrate the organization's Angular frontend within a monorepo framework, improving scalability and maintainability across the platform.

- Designed and developed reusable React components, user login/register functionalities to streamline dev workflows, enhancing UI performance and accessibility for a broader user base.

- Collaborated with a team of 12 using Slack and leveraged Figma to deliver a responsive, mission-driven web platform supporting underrepresented students.

FreeCodeCamp, Remote
Project Contributor   Dec 2023 – Jan 2024

- Resolved 10+ test case issues using regex as part of the newly released JavaScript mega course, demonstrating strong problem-solving skills and a dedicated commitment to improving the quality of educational content in the field of web development.

Zooniverse, Remote
Citizen Scientist Volunteer   Jun 2023 – July 2023

- Classified over 200 Mars cloud images using data from NASA's Mars Climate Sounder (MCS), identifying high-altitude $CO2$ and ice clouds, aiding atmospheric research.

- Analyzed 4+ hours of MCS infrared data to identify cloud patterns, contributing to the understanding of Mars' climate and atmospheric behavior.

EDUCATION

University of Texas - San Antonio   **San Antonio, Texas**
Bachelor of Science - Computer Science   *Expected Graduation, Nov 2026*
Coursework: Computer Architecture, Cybersecurity, Android Dev, Game Dev, Data Structures and Algorithms

- **Spring 2024 President's List**

PROJECTS

- **Chatify** | *React, Sass, Firebase*
  - Developed a dynamic messaging application facilitating global connections. Whether at home or on the go, Chatify enables seamless communication with anyone, anytime, anywhere.

- **Travel Base** | *React, NodeJS, ExpressJS, MongoDB*
  - Collaboratively built an app designed for web enthusiasts to explore and share insights on famous places worldwide. Users can seamlessly add and edit place details.

- **BossShell** – Python based terminal, **LeetCodeMate**: Extension hides difficulty & topic tags on leetcode, **HttpServer** – Made in C, **GroceryBoss** – An android app for grocery stores using Java, completely offline.

SKILLS

Programming : JavaScript, Python, Typescript, C, C++, Java & Android Dev
Tech & Tools: ReactJS, NextJS, ExpressJS, AWS S3, Lambda, GraphQL , Docker, Kafka, Firebase, Supabase, MySQL, PostgreSQL, MongoDB, Tailwind, SASS, tRPC, Wordpress, StoryBook
Certificates: Google - Intro to Gen AI, Google - Intro to LLM, Google - Digital Marketing, Google – Analytics