

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, NodeJS, ExpressJS, Tailwind, SASS, PrismaORM, tRPC, GraphQL, Docker, Kafka, Firebase, Supabase, MySQL, PostgreSQL, MongoDB, Git, Github, Redux, Zustand, Wix, Wordpress, AWS S3, Lambda

Certificates: Google - Intro to Gen AI, Google - Intro to LLM, Google - Digital Marketing, Google – Analytics