

JAMMANA SAI SRINIVAS

+91 8500 411 533 | sai.jammana1919@gmail.com | LinkedIn | LeetCode | GitHub | Portfolio

Executive Summary

Motivated Computer Science and Business Systems undergraduate proficient in Full Stack Web Development (MERN Stack, Firebase) and Game Design. Experienced in AWS cloud architecture, data pipelines, and cybersecurity fundamentals. Seeking an entry-level software engineering role to leverage analytical skills and drive innovative technical solutions.

Education

Vishnu Institute of Technology B.Tech in Computer Science and Business Systems	2023 – 2027 CGPA: 8.09
APSWREIS Jr College Board of Intermediate Education, Andhra Pradesh	2021 – 2023 Score: 90.0%
St. Mary's High School Board of Secondary Education, Andhra Pradesh (SSC)	2020 – 2021 GPA: 6.7

Experience

Data Engineering Virtual Intern <i>AWS Academy</i>	April 2025 – June 2025
• Designed data ingestion and storage pipelines using AWS services, gaining hands-on cloud architecture experience.	
• Explored ETL (Extract, Transform, Load) processes to manage and optimize large-scale datasets.	
• Implemented database security protocols and IAM policies to ensure robust cloud resource protection.	
Cybersecurity Virtual Intern <i>Palo Alto Networks</i>	Oct 2024 – Dec 2024
• Analyzed network security threats, firewall configurations, and zero-trust architecture principles.	
• Investigated web vulnerabilities (SQLi, XSS) and applied mitigation strategies for application security.	
• Assessed cloud security posture management to identify and rectify potential risks.	

Technical Skills

Languages: JavaScript (ES6+), Java, C, Python, SQL
Web Technologies: HTML5, CSS3, Node.js, Express.js, JSON, REST APIs, React.js
Databases & Cloud: MySQL, MongoDB, Firebase, AWS (Basics)
Tools & Platforms: Git, GitHub, VS Code, Postman, Linux
Game Development: Godot Engine, RPG Maker XP (Scripting & Logic)

Projects

Comic-verse <i>HTML, CSS, JS, Node.js, Firebase</i>	
• Engineered a dynamic comic database utilizing ComicVine API to render 1000+ data points (characters, movies).	
• Integrated Firebase for real-time backend architecture, data synchronization, and secure user authentication.	
• Optimized API response handling using asynchronous JavaScript, effectively reducing page load latency by 30%.	
• Source Code: github.com/Sai-11011/Comic-verse	
Senpai-Search <i>HTML, CSS, JavaScript, AnimeAPI</i>	
• Developed a responsive Single Page Application (SPA) for anime discovery with live search and filtering.	
• Utilized modern DOM manipulation to dynamically render API results without page reloads, ensuring smooth UX.	
• Designed a mobile-first user interface using CSS Grid and Flexbox for seamless cross-device compatibility.	
PokeBot <i>Node.js, Telegram API, PokeAPI</i>	
• Architected a server-side Telegram bot handling concurrent user requests for real-time Pokemon statistics.	
• Implemented complex JSON parsing logic to extract and format game data into user-friendly chat messages.	
Pokemon: Echos of Athel <i>RPG Maker XP, Ruby (RGSS)</i>	
• Designing a narrative-driven RPG with custom branching storylines and unique character development systems.	
• Programming event triggers and game logic to manage inventory systems and turn-based combat mechanics.	

Certifications

AWS Academy Cloud Foundations <i>AWS Academy</i>
AI Tools & ChatGPT Workshop <i>be10x</i>
Prompt Design in Vertex AI <i>Google Cloud Skill Badge</i>