

Sricharan Kathika

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EXPERIENCE

SpeakClub

Software Developer Intern - December 2022 - Present

- Worked closely with a team of designers and developers and learned how to use tools such as React.JS, HTML, and CSS to create visually appealing and interactive elements for the front end of the SpeakClub app.
- Collaborated with teams to develop, test, and deploy scalable backend services.
- Designed and implemented scalable solutions using Azure Cosmos DB, organizing data in a way that improved the efficiency and performance of data storage and access.
- Optimized app performance and resolved bugs and issues, wrote clean and modular code, and actively contributed to team discussions, resulting in an increase in app development by 20%.
- Developed strong communication, teamwork abilities, and a willingness to learn and adapt to new technologies.

PROJECT

BlackJack Game Development

September 2022 - November 2022

- In a team, developed a BlackJack simulation using C++ and object-oriented programming principles, ensuring clean and maintainable code.
- Utilized Git for version control, facilitating branch management and code merges, while maintaining documentation through commit messages and update logs.
- Arranged Agile methodologies, leading weekly scrum sessions and employing a Kanban system for efficient task management and sprint reviews.

Full Stack Portfolio Website

July 2022 - August 2022

- Engineered a full-stack, responsive portfolio website employing React.js, Tailwind CSS, and HTML, showcasing a portfolio of software projects and professional skills.
- Implemented interactive UI/UX elements using JavaScript features, creating a dynamic web presence that operates seamlessly across different browsers and devices.
- Deployed the website to a cloud server using CI/CD pipelines, optimizing for high availability and low latency access.

Discord Profanity Moderation Bot

November 2021

- Developed a real-time chat moderation bot for Discord using the Discord.js library, enhancing server security and user experience.
- Wrote JavaScript code and utilized Node.js for backend operations, integrating the bot to work efficiently under high-load conditions.
- Enabled role-based command execution and automated moderation actions, aligning with community management best practices.

EDUCATION

University of California, Riverside

Bachelor of Science in Computer Science, 2021 - 2025

Selected Coursework: Data Structures and Algorithms, Software Construction, Database Management Systems, Data Analysis Methods, Design of Operating Systems, Design and Architecture of Computer Systems, Introduction to Artificial Intelligence

SKILLS

Programming/Tools: Java, C/C++, Python, JavaScript, HTML, CSS, React.JS, Node.js, SQL, Assembly Language, Git, AWS, Typescript, Azure Cosmos DB

CERTIFICATIONS

Software Engineering Virtual Internship

JPMorgan Chase & Co. - 2022

- Worked on an interface with a stock price data feed and set up your system for analysis of the data.
- Implemented the Perspective open source code in preparation for data visualization.
- Used Perspective to create a chart for the trader's dashboard.