

Sricharan Kathika

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Computer Science student at the University of California, Riverside. I have experience in C/C++, Java, Python, HTML, Javascript, and CSS. I am currently looking for internship opportunities in the field of software engineering.

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 cross-functional teams to develop, test, and deploy scalable backend services.
- Implemented and optimized SQL queries for data manipulation and retrieval, as well as maintained RESTful APIs, handling JSON data formats
- Optimized app performance and resolved bugs and issues, wrote clean and modular code, and actively contributed to team discussions
- Developed strong communication and teamwork abilities, as well as a willingness to learn and adapt to new technologies, resulting in an increase in app development by 20%

PROJECT

BlackJack

September 2022 - November 2022

- In a team of four, utilized a Version control system(Git) to collaborate on creating a BlackJack Simulation in C++.
- Held weekly scrum meetings and created a new sprint every seven days. Updated Kanban board to make sure all tasks are organized.
- Had multiple classes that were inherited from each other to help run the simulation.

Portfolio Website

July 2022 - August 2022

- Created a responsive portfolio website from scratch showcasing my skills and projects and deployed it to a server.
- Used React.JS, tailwind CSS, and HTML to create this project.
- Implemented many tools like react smooth scroll and react typing effect.

Profanity Checker

November 2021

- Utilized the Discord.js documentation, Node.js, and javascript to create this bot.
- The program kicks any user that types a profanity word.
- Additionally, it gives discord users with the right roles and clearance, the power to kick others off the server.

EDUCATION

University of California, Riverside

Bachelor of Science in Computer Science, Riverside, CA, 2021 - 2025

American High School

High school Diploma, Fremont, CA, 2017 - 2021

SKILLS

Java, C/C++, Python, JavaScript, HTML, CSS, React.JS, Node.js, SQL, Database, Assembly Language, Git, AWS, Data Structures, Algorithms, Object Oriented Programming, Typescript, Communication, Collaboration, Problem-solving, Critical Thinking, Time Management

CERTIFICATIONS

Software Engineering Virtual Internship

JPMorgan Chase & Co. - 2022

- 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.

COURSEWORK

CS111

Discrete Structures - 2023

CS010C

C++ Data Structures & Algorithms - 2022

CS100

C++ Software Construction - 2022

CS61

Machine Organization and Assembly Language Programming - 2022