Rizwaan Abdulkadir

✉ gmc896@mocs.utc.edu 📱 4234440343 in in/rizwaanabdul ☁ https://riz-waan.github.io/resume/

Summary

Computer Engineering student with 4 years of experience working with clients and 6 years of programming experience. Proficient in many programming languages and expertise in serverless and container cloud deployment in AWS, Azure, and GCP.

Experience

Software Engineering Intern | Transcard | Chattanooga, TN | February 2022 - Present
• Tasked with creating an internal video training site with 2 different user roles.
• Using Azure App Services, Blob Storage, Active Directory, and Blazor to accomplish the job.
• Using C#, HTML, CSS, and JS to create 6 reusable components.

Voluntary Software Developer/Designer | Chattanooga Islamic Outreach | Chattanooga, TN | June 2021 - July 2021
• Designed and developed 2 websites for local nonprofits to reach a broader audience and raise donations (https://www.chattio.org & https://www.mmuhammad.org).
• Utilized third-party services for CMS, hosting, and form handling to allow free hosting.
• Collaborated with another Software Designer to create 3 different styles in Figma.

Research Leader | Networked Intelligence - VR | University of Tennessee at Chattanooga | January 2021 - Present
• Leading a team of 8 people to research an virtual reality based solution that "tricks" your brain into alleviating the phantom limb pain phenomena.
• Using 5-6 technologies such as Unity, Oculus, Artificial Intelligence, and Azure Kinect to find the most efficient and portable setup.
• Won a statewide competition in the category of VR Research.

Full Stack Engineer/Project Manager | My Video Vault, LLC. | Chattanooga, TN | August 2019 - June 2021
• Envisioned the best technology stack for the product after examining many options such as PHP, React, Firebase, Python, NodeJS, Azure, GCP concluding on using Golang and Postgres with Flutter on AWS.
• Verified security by inspecting communications between the mobile app and backend server and utilizing OWASP Top 10 cybersecurity best practices.
• Collaborated with another Software Engineer to develop over 25 API calls and 10 app pages.

Electrical Engineering Intern | University of Tennessee at Chattanooga | Chattanooga, TN | August 2019 - December 2019
• Assisted 4 of the University of Tennessee at Chattanooga Electrical Engineering students in their project of creating a smart kitty litter system.
• Researched 3-5 different ways to build a custom safe sensor that measures water level without harming the pet.
• Met once every 2 weeks for 2 hours to discuss this project and also provide my assistance in creating the physical prototype.

Involvement

Secretary | University of Tennessee at Chattanooga | Student Government Association | August 2021 - Present
• Created a full-stack application for members to request new items to be added to the weekly meeting agenda and automatically format the items on a word document using Firebase and React.JS.
• Written minutes for over 25 meetings.
• Tracking attendance of over 20 active members using Google Sheets.

Education

Pursuing Bachelor of Science in Computer Engineering | University of Tennessee at Chattanooga | 4.0 GPA | 2024 |

Skills

Java, PHP, JavaScript, Go, C#, Python, Tailwind CSS, React.js, Svelte, Flutter, Amazon AWS, Google Cloud Platform, Microsoft Azure, Git, Figma