

Hasan A. Zaidi

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OBJECTIVE

A detail-oriented team player committed to continuous learning and contributing to impactful results in software development environment.

RELEVANT EXPERIENCE

QA Automation Engineer Intern, WebstaurantStore, Lititz, PA

May 2023 – Aug 2023

- **Developed** and **maintained over 30** automated test scripts using **Selenium** WebDriver and **Groovy** for software stability and defect identification. showcasing fast **adaptability** in a dynamic environment.
- **Conducted** regression testing to ensure software **reliability** and **performance**.
- Implemented **Agile** methodologies to **design** and **optimize** Reusable Modules, significantly reducing coding time and enhancing test case **reusability**.
- **Enhanced** automated test suite performance through **script optimizations**.

Web Development Intern **USF Global Tech**, University of South Florida, Tampa, FL

May 2022 – August 2022

- Developed and optimized over 10 web applications using **HTML**, **CSS**, and **JavaScript**.
- Leveraged front-end frameworks such as **React** and **Angular** to create dynamic and responsive user interfaces.
- Designed and implemented **server-side** logic and **APIs** with **Node.js**, enhancing application functionality and performance.

KEY PROJECTS

Spotting The Hacker Project [GitHub Repository](#)

Jan 2023 – May 2023

- Led a team of three students in the development of a robust C program for real-time **error checking** of incoming data packets.
- Implemented multiple error-checking methodologies, including **Checksum**, **Parity Check**, and **2D Parity Check**. The program efficiently read and processed data bytes, applying the respective error-checking algorithms to **ensure data integrity and reliability**.

Health and Fitness Web App [GitHub Repository](#)

August 2024 – Present

- Developed a web-based fitness app using **Flask** that provides default workout sets for each day, along with custom workout options.
- Implemented backend logic to allow users to check in after completing workouts and track exercises skipped, **storing the data in a database**.
- Designed a **feature that analyzes skipped exercises** over time and suggests modified workout sets for improved user experience.
- Enhanced UI with responsive design using **HTML**, **CSS**, and **JavaScript** to improve user interaction and accessibility.

EDUCATION

Bachelor of Science, Major in **Information Technology**

Graduation Date: **December 2024**

University of South Florida

Tampa, FL

SKILLS

Platforms/Operating Systems:	Android, iOS, Windows 10/11, Mac OS, Linux, MS Office, GitLab CI/CD , ERP (Focus 9) , CRM
Programming:	C/C++ (Array, Structures, Pointers), Rust (Ownership, Vectors, Enums), C# (.NET), Java* , JavaScript (Express, Node, EJS, ReactJS), HTML , CSS , Groovy* , Python* , Dart , Swift , Unit Testing, Dynamic Programming , RESTful APIs , Flutter
Technologies/Environment:	SQL* (MSSQL , TSQL , PostgreSQL), MATLAB , Eclipse , Docker , AutoCAD , Adobe InDesign , MS Visual Studio , Microsoft .NET Framework , Selenium* , Kubernetes , Azure DevOps , Jira* , Git* , GitHub* (Projects, Actions), Jenkins , Postman , Jupyter Notebook , AWS (EC2* , S3), Agile , Scrum , VMware
Soft Skills:	Multitasking, Analytical thinking , Sequential work, Abstract views, Communicative , Detail oriented

Key specialized courses: **Software System Development**, Cloud Computing, **Data Structures and Algorithms**, Computer Networks, Penetration Testing, Bridge to **Abstract Mathematics**, Mathematical Statistics, Calc I-III, **Adv. Program Design**, Linear Algebra, Discrete Structures, **DevOps**, Adv. Database Design,

LEADERSHIP AND AFFILIATIONS

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| • ACM (Association for Computing Machinery), USF Student Chapter | Aug 2023 – Present |
| • SHPE (Society of Hispanic Professional Engineers) | Mar 2024 – Present |
| • USF Swimming Club | Aug 2022 – Present |

* = (More than 2 years of advance level experience)