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.

EDUCATION

Bachelor of Science, Major in **Information Technology**   Graduation Date: **December 2024**
University of South Florida   **Tampa, FL**

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,

SKILLS

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

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** Common Classes, reducing coding time and promoting test case **reusability**.
- **Enhanced** automated test suite performance through **script optimizations**.

USF Global Tech Internship, USF, Tampa, FL   May 2022 – Aug 2022
- Applied HTML, CSS, and JavaScript for over **10 web development** projects.
- Utilized front-end frameworks like **React** and **Angular** to enhance user interfaces.
- Implemented **server-side** logic with **Node.js**.

KEY PROJECTS

Spotting The Hacker Project   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.**

Securing The Message Project   Jan 2023 – May 2023
- Developed a vigorous **RSA encryption algorithm** using Rust to enhance **message security**.
- Designed and implemented encryption algorithms while adhering to secure coding practices, ensuring **data confidentiality** and **integrity**.
- Emphasized encryption strength to establish a **secure foundation** for communication.

LEADERSHIP AND AFFILIATIONS

- 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)