

MUHAMMAD SAUD

A computer science student and cybersecurity enthusiast with a basic understanding of programming concepts and data structures. Eager to expand knowledge in network security, operating systems, and secure coding practices. Enthusiastic about learning and passionate about pursuing a career in cybersecurity. Basic awareness of web-based cyber threats and attack vectors, with a focus on developing a deeper understanding and expertise in cybersecurity. Seeking opportunities to gain practical experience and contribute to the field of cybersecurity.

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Karachi , Pakistan

EDUCATION

Mohammad Ali Jinnah University

Bachelors in Computer Science

September 2020 - Present

Tabs College of Science

HSC in Pre Engineering

August 2018 - June 2020

County Cambridge School

SSC in Pre Engineering

August 2010 - June 2018

SKILLS

- Java.
- C/C++/C#.
- Basic Web App Pen-testing.
- Bug-Hunting.
- Algorithms and Data Structures.
- SQL Programming.
- Kali Linux Operating System.
- Database Management.
- Object-Oriented Programming.
- TDD & BDD.
- Selenium Automation.
- POM & Playwright.
- Problem Solving.

WORK EXPERIENCE

- None

PROJECTS

FOODIE HUB - FOOD ORDERING APPLICATION

- Created a food ordering application using Android Studio and SQLite, allowing individuals to easily place and modify their orders like update and delete.
- Incorporated a convenient order editing functionality, enabling users to make changes to their order details such as items, quantities, and delivery preferences for a personalized experience.
- Utilized Android Studio and SQLite to build a reliable app backend, ensuring efficient data management, secure storage, and smooth order processing.
- Focused on enhancing user satisfaction by designing a user-friendly interface, streamlining the order placement process, and incorporating feedback mechanisms to address customer preferences, resulting in increased user engagement and positive feedback.

WEBSITE TESTING USING BDD + SELENIUM & Playwright C# (Swags Lab)

Developed a project to automate the Swags Lab website using Behavior-Driven Development (BDD) approach with Selenium and Playwright frameworks in C#. Implemented BDD methodologies to create feature files and step definitions for test scenarios. Utilized Selenium for browser automation and Playwright for cross-browser testing. Automated various functionalities like user registration, login, product browsing, and checkout process. Successfully enhanced test efficiency, accuracy, and maintainability while ensuring comprehensive test coverage.

HFA DONOR MANAGEMENT SYSTEM - WINDOWS FORM USING .NET

Developed a user-friendly Donor Management System using Windows Forms .NET, integrating SQL Server for efficient database management. Enabled users to donate the Foundation or needy person directly through this management system and also by this Management System you can easily manage your all Heads, Donors, Volunteers records of HFA Foundation securely and efficiently, save operational time and costs, brings efficiency to the workings of the organization, and boost fundraising efforts. Ensured data integrity and optimized performance through efficient SQL queries, indexing, and caching mechanisms.

CERTIFICATIONS

- Identifying Web Attacks Through Logs – **Cybrary[Jul-2022]**
- SAP Cybersecurity Engineering Virtual Internship Program on **Forage [Jan-2023]**
- ANZ Australia Cybersecurity Management Virtual Experience Program on **Forage[jan-2023]**