## Aiman Zahid

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Professional Summary

* I excel in constructing and developing software solutions with a primary focus on testing. My dedication lies in delivering high-performing solutions, ensuring a smooth and satisfying user experience.

# EXPERIENCE

**FAST-NUCES Pakistan**

Teacher Assistant Fall 2022 -Spring 2024

* Assisted with the “Object Oriented Programming” lab.
* Assisted with the “Intro to Software Engineering” course.
* Assisted with the “Software Requirement Engineering” course.
* Assisted with the “Software Design and Analysis” course.

# Projects

**Encyclopedia of Arabic Poetry Java, Xamp, MYSQL, Java Swing**

Lead Developer Fall 2023

* Built on Layered Architecture, Java-Swing UI, and XAMPP (SQL) for robust data storage.
* Leverages design patterns (Singleton, Facade, Abstract Factory, and State).
* Nearly eradicated code smells with multiple refactoring strategies.

**TestAutomationSuite Java, API, GUI, Semgrep**

Lead Developer Fall 2023

* Projects for API and GUI testing using a Docker image of Metabase.
* Facilitates seamless integration and testing of API functionalities for robust performance analysis.
* Enhances code quality with automated checks using SemGrep and CheckStyle properties, ensuring adherence to coding standards

**Text Editor DSA, C++, FileHandling**

Lead DeveloperFall 2022

* C++ based tool with real-time word completion, text compression, and local file.
* Empowers users with a user-friendly interface for efficient and intuitive text editing.

**Design and Analysis of Daraz SQA, UML, Design Patterns**

Lead Developer Spring 2022

* Developed comprehensive UML diagrams, ensuring a thorough representation of requirements and system architecture for the Daraz project
* Conducted meticulous design and analysis, incorporating UML artifacts to enhance project clarity and facilitate effective communication.

**Portfolio Website Html , Css ,Javascript ,Node Js ,Jquery**

Lead Developer Spring 2024

* Developed a dynamic and visually appealing portfolio website showcasing my projects, utilizing HTML, CSS, JavaScript, and Bootstrap for responsive design, and incorporating Node.js and jQuery for enhanced interactivity and seamless Front-End Development.

# Skills

•Html • Css •Javascript •Node Js •Jquery •Bootstrap •Mongodb •FrontEnd Developement

•Java Software Development • Software Design • Test Engineering •C++ •SQL •C Sharp •Haskell

# Education

**National University of Computer & Emerging Science [FAST NUCES]** 2021 – Now

BS Software Engineering **CGPA:** 3.51

# Honor & Awards

2022-2023 **3 Times Dean’s List (Spring-2022, Fall 2022, Spring 2023)** FAST NUCES

Gold Medalist (**Spring-2022)**

Bronze Medalist (**Fall 2022)**

Bronze Medalist (**Spring 2023)**