

# QUDSIA OMAMA RAFIQ

## SOFTWARE QA ENGINEER

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### ABOUT ME

Software Engineering student specializing in web development and software quality assurance. Passionate about ensuring software reliability through manual testing using Selenium and automated testing in JIRA.

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### TECHNICAL SKILLS

- **LANGUAGES:** Python, Java, HTML5, CSS, JavaScript
  - **TOOLS:** Selenium, Jira, VS Code, Thonny, NetBeans
  - **CONCEPTS:** Software Quality Engineering, Python Programming, OOP concepts, Data Structures and Algorithms, Software Requirement Engineering, Introduction to Database Systems, Software Construction & Development, Software Design & Architecture, Artificial Intelligence
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### SOFT SKILLS

- Effective verbal and written communication
  - Team collaboration and coordination
  - Problem-solving mindset
  - Task prioritization
  - Adaptability and eagerness to learn
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### RELEVANT PROJECTS IN SOFTWARE TESTING & QA

#### DemoQA UI Automation Testing

- Developed UI automation scripts for forms, alerts, waits, and interactions using Selenium.
- Applied modular test design and implemented implicit waits to handle dynamic content.

#### Unit & POM Testing

- Built unit tests using unittest and structured test logic with Page Object Model.
- Validated form input, button functionality, and UI states with automated screenshots.

#### QA Testing of PakCyberGuard Cybercrime Portal (Semester Project)

- Executed manual and automated tests for login, registration, and reporting features.
  - Reported bugs in JIRA with severity/priority and delivered a complete QA test report.
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### SOFTWARE DEVELOPMENT ACADEMIC PROJECTS

#### Food Delivery Application | React.js, Node.js, MongoDB, Express

- Developed a full-stack food delivery platform with a real-time order tracking system
- Created a responsive UI with React.js and Material-UI components

#### Music Player Application | Python, Pygame, Tkinter

- Developed music player with playlist management functionality
- Implemented audio visualization using Pygame's sound analysis tools

#### Guess the Word Game | Java, OOP Principles

- Created word guessing game with 5 levels
- Implemented scoring system and game state management

#### Electricity Billing System | Java, Swing, MySQL

- Built utility billing management
  - Developed features for customer accounts and payment tracking
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### EDUCATION

Bachelor of Software Engineering Sir Syed University of Engineering & Technology

2022- (Present)

SIR SYED INSTITUTE OF ENGINEERING & TECHNOLOGY

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