

# Muhammad Athar Ehsan

Islamabad, Pakistan | muhammadatharehsan2@gmail.com | +92 304 6000182  
linkedin.com/in/muhammadatharehsan | github.com/MatherEhsan

## Career Objective :

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Passionate **Software Engineer** with expertise in both development and quality assurance. Skilled in **MERN** stack development and experienced with automation and manual testing using tools such as **Selenium** and **Cypress**. Committed to delivering high-quality, reliable software through meticulous testing and efficient development practices. Strong problem-solving abilities and attention to detail ensure robust, scalable, and maintainable solutions.

## Education

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**COMSATS University Islamabad**, BS Software Engineering Sep 2021 – Jan 2026

- **Coursework:** SQE, Software Testing, SPM, SRE, DSA, OOP, Topics in Software Engineering-I (MERN), Topics in Software Engineering-II (DevOps)

## Experience

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**SQA Internship | Easykaam (Startup)** Nov 2025 - Jan 2026

- Conducted manual testing of Easykaam's mobile application for household maintenance services.
- Identified, documented, and tracked bugs, ensuring high-quality releases.
- Collaborated with developers to verify fixes and enhance application stability and performance.

## Projects

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**HarfZaar (Final Year Project — 2nd Position)** GitHub Repository

- Users can register as readers or poets to view or upload poetry.
- Admin manages user actions and poet biographies.
- AI-based search using text, voice, and image.
- Gamified learning modules for poetry writing.
- Tutorials, tips, and Qaafias support.
- **Technologies:** React, Node.js, Express, TensorFlow, JavaScript, Python

**Darussalam Automation** GitHub Repository

- Performed core Cypress commands and created reusable custom commands.
- Designed data-driven tests, API mocking, and visual regression testing with Cypress.
- Executed Selenium scripts for cross-browser functional testing.
- Integrated Cypress Dashboard for reporting and monitoring.
- **Tools:** Cypress, Selenium

**Travel Website** GitHub Repository

- Developed responsive UI with booking, services, and contact modules.
- **Technologies:** HTML, CSS, JavaScript

## Technologies

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**Languages:** HTML, CSS, JavaScript, Python, Java, C++

**Technologies/Frameworks:** Cypress, Selenium, Jira, Trello, Postman, MERN, Test Automation

## Hobbies

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- Playing Chess
- Playing Badminton
- Book Reading