

IHTSHAM Mir

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WORK EXPERIENCE

Feb 2021 – Still works **Arbisoft, Pakistan**
E-Learning Developer & Trainee SQA Engineer

- Designing courses based on the provided script on specific e-learning platforms.
- Manage and administer learning management systems to upload courses, track learner progress, and generate reports.
- Ensure e-learning modules are bug-free before they go live.
- Collaborate with cross-functional teams including graphic designers, instructional designers, and subject matter experts.
- Provide training and support to instructors, administrators, and end-users on using e-learning tools and platforms.
- Manage project timelines, milestones, and deliverables to ensure timely completion of e-learning initiatives.
- Develop and execute automated test scripts using the Cypress.io framework to ensure the quality and reliability of web applications.
- Implement Cypress best practices, including page object model, to create scalable and maintainable test suites.
- Utilize version control systems (e.g., Git) to manage test code and collaborate with team members effectively.
- Actively kept up to date with industry trends and new technologies in test automation, sharing knowledge and best practices with the team.

July 2017 – Feb 2021 **The Chenab School, Pakistan**
E-Learning Instructor

PROJECTS

Jun 2023 – still works **Workstream Automation**

- Currently, I am actively involved in creating automated test cases for the workstream project at Arbisoft.

Mar 2022 **Metric Imperial Convertor**

- I contributed to developing a Node.JS application focused on converting US units for length, area, and volume/capacity. My role primarily involved working on the application's backend and conducting comprehensive unit and functional tests.

Mar 2022 **Issue tracker**
Arbisoft Ltd. Pakistan

- I played a key role in developing a Node.JS application for bug and feature tracking. I developed the application's backend and successfully executed unit and functional tests to ensure its quality and reliability.

May 2017 - Sep 2017 (Bachelors Thesis) Remote Health monitoring of Cardiac patients

University of Engineering and Technology Taxila, Pakistan.

- Developed a system for real-time monitoring of cardiac patients' health remotely.
- Successfully integrated Shimmer Kit to collect and transmit physiological data.
- Implemented algorithms for the analysis of ECG, heart rate, and other vital signs.
- Designed an intuitive and user-friendly interface for both healthcare providers and patients to access and interpret the collected data.
- Conducted thorough testing and validation procedures to ensure the accuracy and reliability of the monitoring system.

EDUCATION DETAILS

Nov 2013 - Jul 2017 B. Sc. Computer Engineering, UET Taxila, Pakistan.

COURSES Certifications

| | |
|------|---|
| 2023 | <u>Introduction to Cypress</u> Applitools |
| 2023 | <u>Advanced Cypress</u> Applitools |
| 2023 | <u>Cypress with TypeScript</u> Applitools |
| 2023 | <u>Web Element Locator strategies</u> Applitools |

FURTHER SKILLS

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|----------------------------------|---|
| Programming Languages | JavaScript, TypeScript, C++, SQL, HTML, CSS |
| Data Mgmt./Administration | MySQL, MongoDB |
| Software's, Frameworks and Tools | Cypress.io, Chai, Git, Gitlab, GitHub, Eclipse, Jira, Confluence, Visual Studio Code, Google Collab, Microsoft Applications (Word, Excel, PowerPoint) |
| Language Skills | German: A1 (In Progress) English: Fluent C1 (IELTS 7) Punjabi: Mother Tongue, C2 Urdu: Fluent |

ACTIVITIES

Cricket, Badminton, traveling, and reading.