



# AMIR MOHAMMAD KHARAZI

## SOFTWARE TEST ENGINEER

### PROFILE

Software Test Engineer specializing in both manual and automated testing, with expertise in Selenium, Robot Framework, and Playwright for UI and backend testing of RESTful APIs. Experienced in performance testing using k6 and Locust to validate scalability and reliability. Maintainer of the test chapter's automation infrastructure, ensuring robust and efficient test execution across projects. Creator of Cortex, a custom Flask-based application that streamlined daily QA operations. Skilled in developing custom Python tools, integrating AI, computer vision, and LLM-based techniques to enhance testing quality and reduce false alarms. Proficient with tools including Postman and Zephyr, and experienced in delivering high-quality software through close collaboration with cross-functional teams. Strong academic foundation with top rankings from NODET and AUT, currently pursuing an M.Sc. in Computer Science at TMU.

### WORK EXPERIENCE

#### Digipay

Jun 2024 - Jul 2025

Software Test Engineer

- Maintained and enhanced the **test chapter's automation** infrastructure, ensuring robust and scalable execution across projects.
- Developed "**Cortex**", a custom **Flask-based mini application** that streamlined and automated daily QA operations.
- Built the **Playwright automation infrastructure** from the ground up, enabling faster and more reliable UI testing.
- Created a **custom Python package** for **AI-driven UI/UX test automation**, supporting **parallel RESTful API** testing and end-to-end scenarios from scratch.
- Conducted **comprehensive manual testing** to identify edge cases, validate backend and UI functionality, and ensure software quality.
- Led an **AI workshop** on integrating **computer vision** and **LLM-based** techniques to reduce false alarms and improve automation accuracy.
- Improved **testing efficiency** and **bug detection** by embedding AI-driven approaches into existing workflows.
- Collaborated with **cross-functional teams** to deliver high-quality releases under tight deadlines.
- Proficient with **Zephyr, Swagger, Postman, Hoppscotch, Kibana, ArgoCD, JMeter, SonarQube, Locust, k6** and other testing tools.

#### NMA, TMU, AUT

Sep 2023 - Aug 2025

Teacher Assistant

- Mentored students in deep learning and computational neuroscience, simplifying complex concepts and guiding problem-solving [1][2].
- Assisted professors with grading, feedback, and course material preparation to maintain accuracy and timeliness.
- Facilitated interactive learning sessions and provided one-on-one mentorship, fostering collaboration and skill development.

### CONTACT

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🌐 <https://amkharazi.github.io>

🌐 [in/amir-mohammad-kharazi](https://www.linkedin.com/in/amir-mohammad-kharazi)

### EDUCATION

2022 - present

TARBIAT MODARES UNIVERSITY

- M.Sc. in Computer Science

2017 - 2021

AMIRKABIR UNIVERSITY OF TECHNOLOGY

- B.Sc. in Computer Science

### SKILLS

- Python
- Robot Framework
- Selenium / Playwright
- API/UI And Manual Testing
- Flask
- JavaScript
- Docker / CI CD
- Java
- MySQL / MongoDB / Redis
- GNU / Linux

### LANGUAGES

- English (Expert)
- Persian (mother tongue)