

Muhammad Fahad

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PROFILE SUMMARY

Software Engineer with experience building and scaling automation frameworks across Java, JavaScript, and Python. Proven track record in driving AI-first development strategies to transition teams from manual to automated workflows, achieving 65% automation in weekly test cycles. Comfortable owning test strategy end-to-end—from framework design using Playwright and REST Assured to cross-platform API and UI validation—with a strong foundation in backend integration and hardware-software synchronization.

SKILLS SUMMARY

Technical Skills: Java, JavaScript, Python, HTML/CSS, SQL, Bootstrap, jQuery, NumPy.

Automation & Testing: Browser-based Automation (Playwright, Selenium), API Testing (REST Assured, Postman), Page Object Model (POM) design.

Tools: Assembla, Jira, MySQL, Visual Studio Code, Git, Linux, Claude, Copilot.

Soft Skills: Communication, Problem-Solving, Creativity, Leadership

WORK EXPERIENCE

MOTIVE

United States - Remote

Software Engineer, QA

Sep 2025 – Present

- Responsible for software quality assurance of equipment monitoring systems, focusing on backend integration and UI-driven validation for Asset Gateways and Beacons etc.
- Served as the primary driver for transitioning the team from manual testing to automated processes, successfully automating over 65% of the team's weekly test cycles.
- Design and execute comprehensive browser-based automation to validate the front-end interface, ensuring reliable status reporting and data visualization for monitoring dashboards.
- Develop and maintain API test suites to verify data ingestion pipelines, ensuring seamless communication between IoT hardware, backend services, and the cloud interface.
- Collaborate with development teams to troubleshoot software defects and optimize the performance of data synchronization processes.

VADION PVT. LIMITED

Islamabad, Pakistan

Associate QA Automation Engineer

Sep 2024 – Present

- Designed Selenium-driven automated workflows for online travel agencies based in UK
- Automated critical processes like booking and payment cycles, for 25+ UK and NL hotels with 30+ OTAs, benefiting 10,000+ customers.
- Developed and maintained JavaScript scripts to interact with websites and automate tasks such as data extraction, form filling, and file uploads.
- Contributed to the continuous improvement of automation processes.
- Collaborated with cross-functional teams to identify, report, and resolve defects
- Troubleshooting and resolving issues related to script execution and workflow failures.

EDUCATION

Air University

Islamabad, Pakistan

Bachelor of Computer Science

Sep 2020- June 2024

UNIVERSITY PROJECTS

PAWSITIVE (Final Year Project)

Jan 2024 – June 2024

- Designed and implemented a comprehensive platform using Flutter for mobile applications (both Android and iOS) and the MERN stack for the admin panel, enhancing user interaction and administrative efficiency.
- Integrated a blockchain based payment system
- Conducted rigorous testing on various features, identifying and resolving bugs to ensure smooth functionality and optimal user experience.
- Contributed as the front-end developer, focusing on UI/UX design and developing core functionalities.

CERTIFICATIONS

PROGRAMMING WITH JAVASCRIPT

July 2023

- Teaches the core concepts of JavaScript, including variables, data types, functions, and control structures, to create dynamic and interactive web applications.

THE COMPLETE FLUTTER DEVELOPMENT BOOTCAMP WITH DART

March 2023

- Mastered cross-platform mobile development for Android and iOS using the Flutter framework and Dart programming language.
- Developed practical proficiency in building responsive, high-performance mobile applications and implementing dynamic UI components.

HTML AND CSS IN DEPTH

May 2023

- Gain proficiency in using HTML5 semantic elements to structure content effectively and improve accessibility and SEO.
- Explored advanced CSS features including Flexbox, CSS Grid, animations, and transitions to create dynamic and responsive layouts.

ACHIEVEMENTS

ENTREPRENEURSHIP GALA

Islamabad, Pakistan

Team Lead

December 2023

- Led a team to secure a top 10 position, showcasing leadership, innovation, and effective project management skills.
- Developed and delivered a compelling pitch that highlighted the unique value proposition, market potential, and business model of the startup.