

Okan Mersinlioglu, Ph.D.

Fremont, CA • (669) 216-3287

Personal webpage: www.okanmersinlioglu.com
email: okanmerx@gmail.com
GitHub: <https://github.com/okanmerx>
LinkedIn: <https://www.linkedin.com/in/okan-mersinlioglu-phd-3baa15101/>
Work Permission: US Citizen

PROFESSIONAL SUMMARY

Senior Software QA Engineer with 12+ years of experience in manual/automated testing, end-to-end validation, and deep root cause analysis for complex web, mobile, and desktop applications. Expertise includes SQL, Python, JavaScript, Test Planning/Design, and quality metrics dashboards. Specializes in Safety and Model testing. Focuses on QA process improvement, triage, and release readiness, collaborating cross-functionally to deliver high-quality features.

Technical Skills

- iOS & Android applications
- AR/VR/XR immersive systems
- Robotics-style device testing
- Sensor-driven systems
- Emulator, Simulator, Bench Testing
- ADB, Xcode, Android Studio, Unity
- Python, TypeScript
- Shell Scripting
- Automation (Appium, Espresso, XCUI Test)
- Browser Automation (Jest, Cypress)
- CI/CD environments (GitHub, Jenkins)
- Integration Testing, Regression, System Validation
- Test Planning
- Test Case Design
- Defect lifecycle management
- Bug reporting, tracking, and root cause analysis
- SDLC & QA Process Optimization
- Browser testing (React/TS apps)
- Desktop app testing (Electron-based apps)
- Embedded systems testing
- Experience with Go & Rust environments (or willingness to learn)
- Triage
- Automation
- Selenium
- JavaScript
- API integration
- SQL
- Test Plans
- Dashboarding

PROFESSIONAL EXPERIENCE

Sr. QA Test Engineer/Project Lead, Full time-Onsite

12/2024 – Present

Google (EAP team) Immersive Lab through **Scalence**, Mountain View, CA

- Galaxy XR & Smart Glasses– Testing Android XR (Extended Reality) Apps (APK) on iOS & Android Mobiles, Emulator, Windows, MacOS, Unity, Android Studio
- Triageing bugs/task/requests from 3rd parties developers all over the world
- **Selenium WebDriver/Simulator**: Used for browser-level/device simulators interaction and element synchronization
- Partnered with **Product Development and Engineering teams** to analyze feature requirements, define comprehensive **test strategies**, and refine end-to-end test scenarios.
- Took **full ownership** of feature quality for XR applications on iOS and Android, evaluating risks and clearly communicating release readiness to team members.
- **JavaScript (Node.js)**: Served as the primary scripting language for modular test scripts.
- Performed end-to-end testing of XR devices across various environments including MacOS, Windows, development kits, embedded systems, emulators, Unity, Android Studio, and more.
- **API Integration**: Utilized to manage state and bypass UI-heavy setup steps.
- Logged detailed bug reports using Buganizer and followed up with engineering teams until resolution and verification
- Collaborated closely with the Moohan team to refine and update test scenarios based on project requirements.
- Installed specified software versions on physical devices and emulators, ensured proper configuration, and debugged setup-related issues.
- Flashed devices with the latest builds and conducted regression and functional testing on updated systems.
- Installed and validated developer-provided APK files for compatibility and performance before release.

Sr. QA Test Engineer, Full time-Onsite

5/2024 –12/2024

META (Reality Lab) through **Qualitest Group**, Burlingame, CA

- AR/VR, Medical Devices, iOS & Android, Mobile apps, Smart Glasses
- Developed and maintained test scripts and tools **using Python and Shell scripting** to automate device testing and data collection
- Performed **mobile accessibility testing** on iOS and Android to ensure compliance with industry standards.

- Developed and maintained code for client websites primarily using HTML, CSS, Sass, and JavaScript
- Implemented responsive design to ensure compatibility across various devices and browsers
- Collaborated with designers to implement clean interfaces and simple, intuitive interactions and experiences
- Worked with back-end developers to integrate front-end components with RESTful APIs
- Conducted code reviews and provided constructive feedback to improve overall code quality
- Optimized web applications for maximum speed and scalability
- Writing test plan and executing test cases

Sr. QA Test Engineer and Project Lead, Full time-Hybrid

4/2021 – 02/2024

Google through Tech Mahindra Inc & Accenture Flex, San Jose, CA

- iOS & Android, Mobile apps
- Manual testing for Web, Android, and iOS
- Assisted in developing web applications using React frameworks
- Created reusable components and front-end libraries for future use
- Translated designs and wireframes into high-quality code
- Participated in daily stand-ups and sprint planning sessions using Agile methodologies
- Debugged and fixed various UI issues and bugs reported by QA team
- Providing maximum quality on functionality on devices and Apps like; Web, Android, iOS, TV and more platforms
- Find bugs and apply engineering rigor to reproduce and diagnose those bugs
- Troubleshoot bugs filed to reproduce issues, verify steps to reproduce and prioritize for fixes
- Report on backlog and progress made daily / weekly

QA Engineer / Project Lead

8/2019 – 03/2020

Apple through HogarthWW, Cupertino, CA

- QA manual and functional Web & apps testing using devices.
- Performed mobile app testing across Android, IOS & Web (iPhone SE, iPhone 7, iPhone 8 Plus, iPhone 11, iPhone 11 Pro, Apple Watch Series 5, iPad, MacBook Pro, Lenovo for Microsoft, Samsung Galaxy for Android)
- Checked overlapping, design of descriptions and images web pages, functionality on the web pages and/or app, successfully avoided bugs and solved defects
- Created and ran test cases through internal test tool
- Manually executed, designed and reported test case, and test plan across multiple platforms by using internal private and secure testing tools
- Wrote concise and descriptive bug reports, presented test results to other project stakeholders clearly and effectively
- Reported daily status & weekly metrics

QA Test Engineer

8/2019 – 03/2020

Microsoft via Arvato Bertelsmann, Münster, Germany

- Provided direct support for global enterprise clients using Microsoft products, including banks, insurance companies, and other institutions, addressing a wide range of technical and account-related issues.
- Delivered premium support to international customers via phone, chat, and online channels in Turkish, English, and Spanish.
- Actively troubleshoot and resolve technical issues while ensuring a high level of customer satisfaction through effective communication and timely follow-up.
- Documented and escalated issues to development teams with clear reports, and closely followed up on resolution to ensure timely and effective problem-solving.

QA Test Engineer

8/2019 – 03/2020

MasMovil via MTP & Sigma Technologies, Madrid, Spain

- Tested speech transcription outputs for various countries to ensure language and system accuracy.
- Created individual test accounts and monitored real-time transcription processing to validate correct system behavior.
- Worked directly with the project manager and actively participated in weekly meetings to make collaborative decisions.
- Recruited and managed a team of approximately 150 native-speaking transcribers and reviewers from over five different countries, ensuring high-quality and timely project delivery.
- Led testing efforts for Spain's telecom company MasMovil by verifying the accuracy of mobile plans and tariffs on both web and mobile platforms.

- Executed test scenarios, logged bugs when identified, and maintained daily team sync meetings to track progress and issue resolution.

EDUCATION

Software Development Program / Full Stack Developer Bootcamp

Feb-Nov 2024

Clarusway Global IT Boot Camp, San Francisco California

- *Developed proficiency in front-end and back-end technologies including HTML, CSS, JavaScript, Node.js, and MongoDB.*
- *Completed multiple projects including a responsive e-commerce website and a CRUD application.*
- *Received a Certificate of Completion in Full Stack Development.*

PhD in Biomedical Engineering

Madrid Complutense University, Madrid, Spain

2009 – 2015

- *Research, synthesis and development of smart nanomaterials*
- *Published 3 scientific article and 4 scientific international conferences*
- *Graduated with Cum Laude which is a student's academic performance is above average for their grad-uating class.*
- *I have been awarded FPI Doctorate Scholarship by Spanish Ministry of Education for 5 years*

Master in Chemical Engineering,

University of Andalusia and University of Huelva

2007 – 2009

Bachelor in Materials Engineering

Afyon Kocatepe University

2002 – 2006

LICENSES & CERTIFICATIONS

Skillsoft Certificates

2024

- Build & Integrate **React** Applications with Redux Capabilities
- Apps Using **React**: Working with Events
- Design Patterns in **JavaScript**: Mediator, State, & Command Behavioral Patterns
- Build Apps Using **React**: Introducing React for Web Applications
- Build Apps Using **React**: Working with Forms
- Build Apps Using **React**: Props & State

Languages: Turkish (Native), Spain-Spanish(Advanced), US-English (Advanced)