

# Muhammad Qumail

User Experience and Mobile Engineer

New York, NY | Muhammad.Qumail1@gmail.com | 516 778 0789 | linkedin: muhammad-qumail | Github: mqumail

## Professional Summary

---

User Experience Researcher with a Master's degree in Human-Computer Interaction and extensive academic and practical experience in user-centered research, usability testing, and data-driven design. Skilled in translating user needs into actionable product insights and collaborating with cross-functional teams to develop innovative solutions. Proficient in both qualitative and quantitative research methods, including surveys, usability testing, and data analysis. Experienced in working with complex technical concepts and excited about advancing conversational AI products in a collaborative environment.

## Education

---

**Bauhaus University Weimar**, M.Sc. in Human-Computer Interaction Apr 2018 – Jul 2022

- **Master Thesis:** *A Traveler's Companion App focused on User-Centered Design, User Privacy, and Material Design.*

**Farmingdale State University**, B.Sc. in Computer Programming and Information Systems Aug 2012 – May 2015

- **GPA:** 3.62/4.0 **Study Track:** Programming

## Experience

---

**Systems Developer**, Global Tax Consulting Inc. – Jericho, NY April 2023 – Present

- Develop and maintain web applications for tax consulting services, enhancing user interfaces and backend functionality.
- Collaborate with front-end teams to deploy client portal features and back-end based on Java/Spring Boot to automate processes for improved efficiency.

**Systems Engineer**, Intershop Communications AG – Jena, Germany Nov 2020 – Jan 2023

- Designed a Java application for storing test configurations, integrating REST APIs and utilizing Azure, Spring Boot, and PostgreSQL.
- Core member of the automation transitions for internal systems using Java and Angular.

**Software Engineer**, TDSOFTWARE GmbH – Jena, Germany Mar 2019 – Oct 2019

- Contributed to the development of the DENT Exchange cryptocurrency platform by implementing new features, fixing bugs, and performing testing using Spring Boot, Vue.js, and Java.
- Collaborated on enhancing platform stability and scalability for cryptocurrency trading.

**Applications Programmer**, D'Addario Company, Inc. – Farmingdale, New York Apr 2017 – March 2018

- Developed Java-based GUI applications for business users to upload and validate inventory lists, securely storing them on the IBM Mainframe system.
- Worked on test case creation for migrating legacy systems to the Episerver (Optimizely) platform, ensuring seamless data transition and project success.

**Computer Programmer**, Brandon Associates – Farmingdale, New York May 2015 – Apr 2017

- Designed, developed, and supported Jolly Giant Software, a mainframe connectivity solution, ensuring its high-quality performance and reliability.
- Managed operations for a health insurance company, overseeing medical claims processing and maintaining compliance with industry regulations.
- Led server deployments, orchestrating a team of 10 people to ensure smooth implementation and operation.

## Technical Expertise

---

**User Experience & Design:** User Research, User Interviews, Transcription, Outcomes Data Analysis & Reporting Qualitative and Quantitative, Wireframing, Prototyping, User Interface, Visualization, Virtual Reality, Human-Computer Interaction

**Programming Languages:** Java, C#, C++, JavaScript, PHP, HTML

**Tools & Technologies:** .NET, Kubernetes, Docker, Azure, Testcontainers, PostgreSQL, Spring Boot, Vue.js, Vaadin, Android, Web Development

**Skills:** Teamwork, Requirements Analysis, Communications Skills, Testing, Documentation, Independence, Agile