

AREEJ AFZAAL

areejafzaal6@gmail.com, (+1)617-222-0997, [linkedin.com/in/areej-afzaal](https://www.linkedin.com/in/areej-afzaal)

EDUCATION

MPS Informatics (Human-Computer Interaction)

2023 - Present

Northeastern University, Boston, USA

Relevant Courses: Fundamentals of Human Behaviors for Interactive Systems, Usability and Human Interaction, IT Project Management, Database Management Systems

BS Computer Science

2017 - 2021

FAST NUCES Lahore

CGPA: 3.25/4.00

Relevant Courses: Human-Computer Interaction, Software Project Management, Object Oriented Programming, Data Structures, Advanced Programming, Software Engineering

EXPERIENCE

UWorx, Lahore, Pakistan

Jul 2022 - Aug 2023

Technical Associate Business Analyst (Payment Module Product Owner)

- Communicated with the client regarding feature requests
- Crafted multiple solutions for the customer pain points and problems at hand
- Wrote user stories in Gherkin
- Prepared designs and prototypes using Figma
- Prepared Business Requirement Documents (BRD) for new features
- Performed User Acceptance Testing (UAT)
- Overlooked the payment integration module in the product as the 'Feature Product Owner'
- Prioritized and maintained the product backlog

Auxcube, Islamabad

Dec 2021 - May 2022

Software Engineer

- Worked on the development of an American meat trading platform with a backend in Java Spring and a frontend in AngularJS
- Wrote unit tests for the application using JUnit
- Developed the frontend of an automated email collection application for a law firm using C++ (Qt)

Afiniti Ltd., Lahore

Analyst Software Engineer

Aug 2021 – Oct 2021

- Designed and developed software to manage and monitor services provided by Afiniti to clients
- Fixed bugs and added features to the existing systems running in production
- Worked on GraphQL APIs using Java Spring and DGS Netflix for developing software to monitor services
- Wrote e2e and unit tests to support test-driven development

Engineering Analyst Trainee

Apr 2021 – Jul 2021

- Received training on how to provide support for the existing software systems running in production
- Provided support to numerous distinguished clients
- Took part in the design meetings for software that was in the design & development phase

FAST NUCES, Lahore

Mar 2021 - Jul 2021

Teaching Assistant, Computer Science Department

- Organized, conducted, and managed lab sessions of approximately 100 students
- Evaluated the lab work, assignments, and projects of the students
- Marked and maintained records for quizzes, assignments, and semester project
- Guided and assisted students with queries, assignments, and the overall course

NOTABLE ACADEMIC PROJECTS

Redesigned and Improved the ‘Helping’ Admin Dashboard

- Conducted user interviews for user research
- Developed a user persona
- Designed wireframes and prototypes by incorporating UX principles in Figma
- Revamped the ‘Invite Member’ feature in the app
- Designed the ‘Accept Member Request’ and ‘Create/Edit Post Category’ features

Hiring Management Portal

- Collected, cleaned, and compiled relevant data from multiple sources
- Designed the ER diagram for the system
- Devised SQL queries to fetch relevant data related to the user stories

Online Movie Ticketing System

- Web application in HTML, JavaScript, and MySQL
- Some features included browsing movies based on time, genre, and availability, booking a movie, followed by a ticket and bill generation

Restaurant Management System

- An android and web application to manage the routine tasks in a restaurant
- Some features included order entry, table tracking, food completion alarm, and bill generation
- Both the Android and web apps were in Java following the OOP principles and design patterns

HONORS AND AWARDS

Fulbright Scholarship

Institute of International Education

Sep 2023 - Sep 2025

CERTIFICATIONS

Learn to Program: The Fundamentals

University of Toronto (Coursera)

The course was an introduction to Python programming through which I had the chance to learn Python syntax and semantics.

German Language (A1)

Lums

The course was an introduction to German Language. I learned the language basics, including conversing with the locals, ordering food, understanding the traveling terminology, making friends, and conveying my point in daily conversations.

SKILLS

- Design Skills: **Figma, Journey Maps, User Personas, Wireframes, Prototypes**
- Programming Languages: **Java, Python, SQL, Matlab, HTML**
- Frameworks/Libraries: **Spring, AngularJS, Django**
- Collaboration Tools: **JIRA, GitHub, Microsoft**
- Other: **Business Analysis Requirement Documents, User Stories**

LANGUAGES

Urdu: Native Language

English: Advanced Listening, Speaking, Reading, and Writing

Punjabi: Novice Listening, Speaking

German: Novice Listening, Speaking, Reading, and Writing

HOBBIES

Book Reading

Watercolor/Acrylic Painting

Badminton

Table Tennis

Hiking