

ALI JAFRI

Email: ali.jafri@nyu.edu	Mobile: +971501124858	LinkedIn: https://www.linkedin.com/in/ali-abdullah-jafri	GitHub: https://github.com/AliAbdullah0314
--	--------------------------	--	--

EDUCATION

Computer Science, New York University | Current GPA: 3.93 | Expected Graduation: May 2025

Relevant coursework: Data Structures, Algorithms, Computer Systems Organization, Software Engineering, Applied Internet Technology, Computer Networks, and Operating Systems.

IB Diploma, Emirates International School – Jumeirah | September 2019 – June 2021

Graduated with a score of 41/45, with a 7 for Higher Level Computer Science, 7 for Higher Level Physics, and 7 for ITGS (Information Technology in a Global Society).

EXPERIENCE

July 2023 – August 2023

Software Intern • Bank Al Habib Ltd.

- I worked with a team of 4 peers and successfully participated in requirements gathering, design, implementation, and testing to develop a robust task management system
- Enhanced my proficiency in modern tech stacks and practical application within a financial institution's dynamic environment.

June 2022 – July 2022

Intern • IVANTI

- Along with a mentor, I learned about Asset and Endpoint Management systems and software.
- Used my knowledge in web development to create and host an online game with a real-time database connection (using firebase) to store leaderboard information.

PROJECTS

Qalb+

- Engaged in collaborative agile development with a group of 4 students to design a system that helps patients locate nearby treatment providers based on insurance eligibility and distance.
- Utilized Google Maps API for precise distance calculation. Django (Python framework) used for system setup. Database was implemented using SQLite.
- Showcased the system to experts in Software Engineering and Startups, specifically focusing on finding software solutions within the medical sector.

Task Management System

- Developed a task management system using a 3 layered architecture. Using Vue.js and tailwind CSS on the frontend, Quarkus (Java framework) on the backend, and Flask (Python framework) to communicate with a MySQL database.
- The system was deployed and integrated within Bank al Habib's head office, revolutionizing inter-team communication and task management.
- Facilitated seamless coordination across 10 teams by eliminating manual tracking methods and enhancing team productivity by 30% through improved task visibility and streamlined workflows.
- Empowered team managers with real-time insights into project progress, ensuring informed decision-making processes and fostering a culture of accountability and productivity.

EXTRA-CURRICULAR ACTIVITIES

December 2018 – November 2020

Co-Founder, Co-Manager, and Design Engineer • F1inSchools

- An international competition, where I collaboratively led a 6-person team through all stages including funding, design, fabrication and assembly of our final car. Won 3rd place and ended up on the national podium.

July 2018 – July 2018

Volunteer at a charity in Tanzania • WIPAHS

- Serving a rural community, interacting and playing with orphans, distributing food, planting trees, teaching students, and self-personality building.

SKILLS

- PROGRAMMING LANGUAGES:** JAVA, PYTHON, C/C++, ASSEMBLY (X86), JAVASCRIPT, HTML/CSS, SQL, MONGODB
- TOOLS:** GIT, FIREBASE, QUARKUS, DJANGO, FLASK, NODE.JS, VUE .JS, REACT, TAILWIND CSS, JAVAFOX, CAD DESIGN