

Ali Jafri

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EDUCATION

New York University Abu Dhabi

Abu Dhabi, UAE

Bachelor of Science in Computer Science, GPA: 3.93

Expected May 2025

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

EXPERIENCE

Analyst

July 2024 – Sep 2024

General Motors

- Analyzed key market trends and implemented web-scraping techniques reducing manual competitor research time by 90%.
- Trained a neural network-based machine learning model to predict sales volumes with 80% variance explanation, creating sales forecasts for 511 car models across 72 brands
- Created interactive PowerBI dashboards showcasing YoY growth for enhanced decision-making.

Software Engineer

July 2023 – August 2023

Bank AL Habib Ltd.

- Collaborated with a team of 4 peers to develop a robust task management system, actively participating in all phases including requirements gathering, design, implementation, and testing.
- Gained hands-on experience with Service-Oriented Architecture (SOA) in a financial institution's dynamic environment.
- Successfully delivered the task management system that improved operational efficiency by 30%.

PROJECTS

Constructify (In Progress) | Vue.js, Vite, Django

- Designed an A-Z home-building platform with transparent project tracking and service provider marketplace.
- Developed a responsive frontend optimizing load times and performance using Vue.js and Vite. Plans to use Django for backend scalability.

F1 Fantasy League | Express.js, Node.js, Vue.js, MongoDB

- Created a Formula 1 fantasy league application with real-time standings integration.
- Designed RESTful API endpoints and integrated the Ergast F1 API for real-time standings of 20 drivers.
- Built a responsive frontend using Vue.js and utilized MongoDB for data persistence.

Qalb+ | Django, SQLite, Google Maps API

- 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 distance calculation. Django used for the backend and SQLite for the database.
- Showcased the system to experts in Software Engineering and Startups focusing on healthcare solutions.

Task Management System | Vue.js, Quarkus, Flask, MySQL

- Developed a task management system using a multi-layered architecture. The system was deployed within Bank Al Habib's head office, revolutionizing inter-team communication and management.
- Used Vue.js and Tailwind CSS on the front-end, Quarkus (Java framework) as the middleware, and Flask to communicate with a MySQL relational database.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML/CSS, SQL, Java

Tools/Frameworks: Django, Flask, Express.js, Quarkus, Node.js, Vue.js, React, Tailwind CSS, MySQL, PostgreSQL, MongoDB, Firebase, Git