Manar Ahmed Bajafar *Software Engineer*

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Profile

skilled in frontend development using Angular, developing mobile applications using Flutter, working with a variety of databases: MySQL, Firebase, and MongoDB, and Software Development Life Cycle (SDLC), Keen to learn more and face new challenges to gain new experience.

Education

2018 – 2023	**Bachelor of Computer Science** *Umm Al-Qura University* First-Class Honors, 3.99/4 GPA
2024 – present	**Master' of Computer Science** *King Abdulaziz University*

Training experience

2024/07 – 2024/08 Makkah, Saudi Arabia	**Frontend Developer Intern, Scrum Master** *First City* During this journey, I benefited greatly both personally and professionally. I learned many skills and working with a team, as a front-end developer and Scrum master. • Client meetings, writing user stories and Interface design. • Gained experience in frontend development using Angular. • Integrated front-end interfaces with backend APIs. • Contributed to building the business model. • Attend meetings and workshops on Scrum methodology, public speaking, business model development, contracts and salaries, resume and LinkedIn optimization, and experiences of previous trainees.
2023/07 – present remotely	**Database Specialist** *SeedLab* Work within a technical team. • Software engineering using Scrum methodology. • Designed and developed a NoSQL databases using MongoDB and SQL databases. Extra Work: • SeedLab website development using WordPress.
2023/09 – 2023/11 Jeddah, Saudi Arabia	**Mobile Application Developer intern** *NERO* During the training period, I learned and acquired valuable skills and was introduced to useful tools such as: Make, flutterflow, Figma, and I worked on two projects mentioned below, the Shaghaf and Nero applications. What did I learn: • write clean, reusable code and state management using getX. • managing GitHub branches with collaborators. • localization • Integrate Firebase Authentication and Cloud Firestore into flutter app. • create mock REST API through mocky.io & fetch Data from the API In Flutter.

Soft Skills

Accuracy, discipline and time commitment

Possibility to work as a group or individually

Willingness to Learn

Problem-Solving

Technical Skills

Front-end development
HTML, CSS, JS, Angular, Bootstrap

Programming
Python, Java, Dart

User Interface Design
Figma

Databases
MySQL, Firebase, MongoDB

Mobile application development
Flutter

Git & GitHub

WordPress

System Analysis and Design

Projects

2024/07 – 2024/08   **Khiffa** 🔗

platform that provides delivery services to ordering companies through its integration with their own platforms.
- Write user stories and designed interfaces.
- Developed front-end interfaces using Angular.
  - Fully developed admin and authorization interfaces.
  - Using echarts library to visualize data.
  - Using bootstrap library for styles.
- Integrated front-end interfaces with backend APIs.
- Contributed to building the business model.

2023/10 – 2023/10   **Nero** 🔗

Rebuilding the company's application from scratch while adding new features
- draw workflow diagram for the application.
- modifying existing application interfaces using Figma.
- draw Entity relationship diagram (ERD) using draw.io
- develop the application using Flutter with Firebase.

2022/12 – 2023/02   **Etiqa'a** 🔗

It is my graduation project, an application monitor WhatsApp messages for children automatically using machine learning and alert the parent only with inappropriate messages that have reached them.
- participate in developing the application using Flutter.
- integrating the application with the model using Flask.
- implement database using mySQL.

Publications

"Etiqa'a: An Android Mobile Application for Monitoring Teen's Private Messages on WhatsApp to Detect Harmful/Inappropriate Words in Arabic using Machine Learning" 🔗
Co-author, published in the Engineering, Technology & Applied Science Research (ETASR), December 2023, Volume 13, Number 6.

Volunteering

2021   **Writer**
Ghali Center - Umm Al-Qura University
(Kateb) initiative, which aims to convert the content of books and PDF files for school curricula into Word format in order to support their printing via the Braille device.