

Sanad AlArousi

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Introduction

An ambitious software engineer with great base knowledge in project management and sdlc, with keen to being part of a team and handling stakeholders concerns and needs. With my 10 years of experience in boy-scouts, and various volunteering environments that included people from different backgrounds, alongside leading faculty course's projects teams, I bilieve I am fit to your job as a "xxxxxxx".

I bilieve I have a lot to offer, with my honed softskills ready to deal with all your stakeholders, team members and clients from various backgrounds, and a technical experience in software engineering and sdlc, accumulating with it my knowledge of project management from my latest PMP Prep course, I bilieve that all this will benefit XXXXX projects reach its goals and deliver value to its stakeholders.

Education

University of Tripoli, Faculty of Information Technology, **Dept of Software Engineering**

Certifications

[I.E.L.T.S overall score 6.5](#) 2016-2018

Participation Certificate:

- PMP Prep Course 35PDUs
- Mobile Application Development Boot Camp

Experience

Flutter Project: [Prompeteer](#): Your Prompt Engineering Coach (Mobile application development bootcamp) Sep 2024 - Oct 2024

- **Led the development** of Prompeteer, a groundbreaking platform designed to revolutionize prompt engineering.
- While we encountered significant technical hurdles, including integrating a UI with a server and connecting to the Gemini SDK, we persevered by prioritizing the frontend development and authentication mechanisms.
- Conceptualization: **Originated the core idea and features** of Prompeteer.
- Design: **Created** the intuitive user interface in Figma.
- Backend Development: Initiated the **backend** development with Django.
- Frontend Development: Developed 3 **Flutter** widgets.
- **Project Management**: **Managed** project **timelines, allocated tasks**, and coordinated with team members.
- **Team Leadership**: Motivated and mentored team members, which made them achieve 70% of their work, exceeding my expectations of 50%, and proving the opinions of the rest of trainees about him to be false. **Leading without Authority**.
- Presentation and application [demo](#).

Graduation Project: Full stack solution, LLM-Chat-System, Software Engineer, Analyst and Project Manager March 2025 – Sep 2025

- Led the development and maturity of the idea and project's scope.
- **Elicited functional requirements** with my teammate by studying similar product's interfaces and services, measuring their yield to **HCI standards**, designed and distributed **questionnaires** to users and stakeholders to further support our position.
- Created Full Fledged **Use-Case Specifications** and did **MoSCoW** and **INVEST** analysis on enumerated Functional Requirements.
- **Diagrammed requirements** via Entities, Class, Sequence, Activity diagrams.
- Prototyped and sketched **user experience on figma**.
- Followed design patterns to improve mobile apps efficiency, such as: **Data Repo, Adapter, Builder and Factory**.
- Developed flutter for android os where we developed following the **DRY** and **Feature First** concept and project structure.
- **Deployed and developed a Django** server that offers: **JWT, CRUD** for user's data and **Oauthentication** services.
- Tailored the system to enable users to use it without having to register, which serves the needs and pain points of part of our userbase.

Part of my department's projects:

Requirements Engineering System Analyst – Course at Dept SW. Engineering IT UoT Fall 2023

- Developed a comprehensive Software Requirements Specification (SRS) document for a full SaaS project tailored for the Libyan car sector.
- Conducted effective requirements elicitation sessions with future stakeholders.
- Tailored requirements to meet the specific needs of each audience segment within the car sector.
- Received high praise from the lecturer for producing the most detailed and comprehensive SRS document in the class.

CRUD Responsive Website – Course at Department of Dept SW. Engineering IT UoT Fall 2023

- Developed Functional Requirements documents for all team members.
- Streamlined the Bootstrap template by removing unnecessary code and web pages, significantly reducing the team's workload.
- Designed a robust database structure that improved data integrity and streamlined development for all team members, ensuring seamless testing by the professor.
- Coded the backend PHP files to facilitate seamless communication with the database.
- Provided one-on-one mentorship to two team members, guiding them on code implementation and error prevention, enhancing their overall learning experience.
- Organized and structured the team's Git repository to effectively manage and track individual contributions.

System Design / PM - ITSE411 Dept SW. Engineering IT UoT Dec 2024 - Jan 2025

- Led a cross-functional team in the design and development of a data collection and mining system, encompassing all phases of the System Development Life Cycle (SDLC) from requirements elicitation to UI/UX design.
- Successfully managed all project aspects as Project Manager, including:
 - Facilitating effective communication and ideas orchestration within the team.
 - Distributing work tasks strategically to maximize team productivity.
 - Maintaining consistent and transparent communication with the Project Sponsor, Lecturer Bayram Zarti, regarding project progress and milestones.
- Utilized Figma for UI/UX design, resulting in an intuitive and user-friendly system interface.

Project Manager – ITGS303 at Faculty of IT UoT Spring 2023 [EMD Ejti had](#)

- Developed and maintained comprehensive documentation for seamless communication with the "Project Sponsor" and "Project Leader."
- Enhanced team collaboration by creating a shared Google Sheets file for all team members, facilitating efficient data entry and revision.
- Established a professional project management profile for the team on Proof-hub, improving project visibility and team collaboration.
- Maintained consistent communication with team members regarding project timelines and task scopes.
- Leveraged Microsoft Power Automate to automate data extraction from the dictionary, significantly reducing manual entry time for the team.
- Designed a unique visual identity for the team, including a formal stamp, and effectively communicated project updates to the project sponsor throughout the semester.
- Achieved a team score of 15/20, demonstrating exceptional performance and ranking as the top-performing team among five competing teams.

Skills

Technical skills:

Django	Flutter android	Figma	Requirements Engineering	Requirements Modelling
Jira Project Management	Scrum Agile	SDLC	Report writing	HCI Review

People skills:

Team Leadership	Emotional intelligence	Leading by Example	Stakeholder management	Influencing and Managing without Authority
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References

- [Dr. Abd-Asalam Nwesri](#)
- [Mohamed Almansory](#)
- The Debater Club Former President [Mohamed Jaeda](#)
- Boy Scouts of AzZawia Leader: [Abd-Alaziz Krema](#)