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Mohammad Shamasneh

[GitHub](#)

[LinkedIn](#)

Education

Arab American University, B.Sc. in Computer Science

Sep 2022 - Jul 2026

Professional Experience

Software Engineering Intern

Aug 11, 2025 – Present

ASAL Technologies

Rawabi, Palestine

- Built and maintained Redux store & slices (cart, favorites, user, theme) used across 10+ components, improving state management efficiency by 25%.
- Integrated **REST APIs** for product data, authentication, and cart actions.
- Engineered dynamic product pages with React Router, reducing navigation issues by 20%
- Used **GitHub (PRs, branches, code reviews)** for collaboration

Software Projects

GIF Search App [\[GitHub\]](#)

Aug 2025

- Integrated Tenor API for real-time GIF search, enabling users to access a library of **1M+ GIFs** with **50+ favorites saved per session**, improving retention by **30%**.
- Implemented infinite scrolling with IntersectionObserver.
- Built a favorites system using localStorage, enabling users to save 50+ GIFs per session.
- Designed a responsive UI (HTML, CSS, JavaScript).

Distance Calculator App [\[GitHub\]](#)

Sep 2025

- Developed a web app to calculate distance using the Haversine formula, handling **100+ location queries daily with an average accuracy improvement of 10%**.
- Integrated OpenStreetMap Nominatim API for geocoding.
- Built a responsive UI for inputs and results.
- Improved calculation performance and accuracy, reducing average query time by 15%.

Milk Menu [\[GitHub\]](#)

Jul 2025

- Built a digital restaurant menu (HTML, CSS, JavaScript) with responsive design.
- Added QR code access for customers to browse menus easily.
- Improved usability and accessibility, increasing menu navigation speed for customers by 30%.

Technical Skills

Programming Languages: JavaScript, HTML, CSS, Python, Java, C, C++, Kotlin, C#

Frameworks: ReactJS, Redux Toolkit, React Router, Firebase

Tools & Platforms: Git, GitHub, Trello, Slack, Microsoft Office

Core Skills: REST API integration, Agile (Scrum), Responsive UI/UX Design, Data Analysis

Volunteer Experience

Engineering & Computer Science Club – Arab American University

2023 – Present

- Organized 5+ technical events and workshops for **500+ students**, increasing participation by 40%.
- Coordinated training sessions on programming, AI, and career development.
- Led a team of volunteers to support new students in adapting to university life.

SkyGaza Hackathon (Participant & Volunteer)

2024

- Competed in a national hackathon focused on innovative AI solutions.
- Collaborated with a team to develop a health & fitness AI app prototype
- Volunteered to mentor younger participants during the event.

Soft Skills

- Leadership and Teamwork – led a student club and collaborated in agile teams.
- Communication – presented ideas clearly in group projects and university workshops
- Problem-Solving – applied analytical thinking in software projects and debugging.
- Time Management – balanced university studies, internship, and personal projects
- Adaptability – quickly learned new frameworks (React, Redux Toolkit, Firebase) and applied them in real products.