

Ahmed Deria

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EDUCATION

An-Najah National University
BSc Computer Science (GPA : 3.34)

Nablus, Palestine

PROJECTS

3D Model Viewer

[Demo](#)

- Built a 3D viewer web application that enables users to interact with and explore 3D models. The viewer was designed to be compatible with a variety of file formats and able to handle models of varying complexity and size. I implemented a range of features including pan, zoom, rotate, and also incorporated support for animations.
- The viewer required extensive use of graphics libraries, so I optimized the viewer in terms of performance and stability.
- Technologies used are React, TypeScript, Mantine UI, react-three-fiber, Three.js, and Valtio for global state management.

Augmented reality experience for learning about animals

[Video/Cards/Demo](#)

- Built an AR web app to provide children with a fun, realistic, and immersive way to learn about animals. the app features a collection of 3D animal models , where each animal will appear on the screen when its card is scanned using the camera, the user will be able to play the animal's voice in Arabic and English, hear its voice and control its animations.
- Used PWA technology to make the app installable on the user's device and implemented offline mode by pre-caching the app and its assets when the user visits the app for the first time.
- Technologies used are Progressive web apps (PWAs), Workbox, Ar.js, and A-Frame.

Arabic OCR React App

[Demo](#)

- Created a react app that enables users to extract Arabic text from images using OCR(optical character recognition).
- Technologies used are React, Vite, Tesseract.js, styled-components, and ESLint.

Bookmark Manager Landing Page

[Demo](#)

- Created a landing page that showcases a websites bookmark manager.
- Technologies used are React, Vite, Tailwind CSS, and ESLint.

Fully Responsive E-commerce Product Page

[Demo](#)

- Created an E-commerce product page.
- Technologies used are HTML/CSS/JS, Flexbox mainly for building the layout, Mobile first approach, Media queries, and BEM convention for naming CSS classes.

EXPERIENCE

Front-End / AI Tooling Developer

May 2024 – August 2025

Fratello Software House

- Used my front-end and React.js expertise to help the team ship new features and refine the UI/UX of internal annotation tools, cutting contributors' labeling time and boosting usability.
- Utilized my React.js expertise to refine and extensively improve the AI-generated code for web applications so they satisfy every requirement and are fully production-ready.
- Worked as a contributor on the Outlier.ai platform, mainly working on coding-related projects, creating a lot of high-quality prompts. I also did quality control work by auditing and improving other contributors' prompts. The projects targeted both Arabic and English markets and required programming languages such as Python, HTML/CSS/JavaScript, TypeScript, C#, and Java.

Software Developer

January 2022 – present

Freelancing

- Designed interactive Augmented Reality (AR) Web Applications using AR.js, A-Frame, MywebAR, and 8thWalls, creating immersive experiences with offline support for users. Leveraged Progressive Web Apps (PWAs) to provide a native app-like interface.

- Developed and implemented IoT systems utilizing popular platforms like Thingsboard and AWS IoT, enabling seamless monitoring and analysis of time series data from multiple modbus devices.
- built and customized WordPress websites for various businesses, including restaurants, delivering tailored solutions that exceed client expectations. Integrated WooCommerce to enhance the online shopping experience.

iOS Developer Trainee

September 2021 – December 2021

Infinite Tiers Group (ITG)

- Developed several iOS applications based on the provided SRS documents by using UIKit with MVC (Model-View-Controller) and MVVM (Model-View-ViewModel) architectural/design patterns.
- Used CocoaPods to integrate and manage third-party dependencies in Apps and used git for version controlling and deployed my apps on github.
- Worked with SwiftUI to build layouts for apps and widgets.

TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, Swift, Python, Java, C#, SQL, HTML/CSS, Bash

Frameworks & Libraries: .NET, React, Vite, styled-components, Tailwind CSS, Flask, Workbox, Progressive Web Apps (PWAs), Three.js, A-Frame, AR.js, pandas, NumPy, Selenium, WordPress

Tools: VSCode, IntelliJ, Android Studio, Xcode, CocoaPods, Git & GitHub, npm, PIP, WinAutomation, UiPath

Databases: MySQL, PostgreSQL, Firebase, MongoDB

Operating Systems: Windows, Linux, Android

CERTIFICATES AND COURSES

Scrimba - The Frontend Developer Career Path (2022)

Palestine Launchpad - Programming for Data Science with Python (2023)

LANGUAGES

Arabic: Native Speaker

English: Upper Intermediate