Yassine AHMED

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EDUCATION

Higher Institute of Applied Sciences and Technology of Sousse   **Sousse, Tunisia**
Software Engineering   *Expected Graduation, July 2025*
- o **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Combinatorics, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Statistics & Applications.

EXPERIENCE

Optimal Business Growth   **Sousse, Tunisia**
Frontend Developer Intern | Reactjs | Nextjs & Typescript   *July 2024 – Sep 2024*
- Developed dynamic and responsive user interfaces using **React.js** and **Next.js.**
- Created dynamic UI with **Framer Motion** and **Tailwind CSS**.
- Integrated APIs seamlessly using **Next.js API routes** to create smooth interactions between frontend and backend services.

Designet   **Nabeul, Tunisia**
Laravel Developer | Freelance   *Oct 2023 – Jan 2024*
- Implemented a robust product management system, enabling **admins** to efficiently manage product listings, pricing, and inventory from a custom-built admin **dashboard**.
- Optimized **MySQL** database management using **phpMyAdmin** within the **XAMPP** environment.
- Integrated **payment gateways** such as Stripe and PayPal.

Designet   **Nabeul, Tunisia**
Laravel Developer | Internship   *Jun 2023 - Aou 2023*
- Utilized Laravel's MVC framework to create core features such as student registration, data management, and role-based access controls
- Integrated MySQL for efficient database management and contributed to the overall system architecture.

ARSII Association   **Sousse, Tunisia**
Laravel Developer | Internship   *Jun 2022 - Sep 2022*
- Developed a **business card creation platform** using **Laravel**, leveraging Laravel's **MVC architecture**.
- Applied **Laravel's routing and middleware** to optimize the management of front-end requests.
- Participated in **Scrum sprints**, contributing to frontend task prioritization and feature development, resulting in a more dynamic and user-friendly platform.

DCM Medical   **Monastir, Tunisia**
WordPress Developer | Part-Time   *February 2022 – Present*
- Customized WordPress themes and plugins for product management and payment features.
- Managed regular updates to **WordPress core**, themes, and plugins, ensuring site security and smooth operation.
- Applied **custom PHP** scripts for advanced functionality.

ARSII Association   **Sousse, Tunisia**
React.js Developer | Internship   *Jul 2021 - Aou 2021*
- Utilized **React hooks** to manage component states and lifecycle events.
- Implemented **React Router** for efficient client-side routing.
- Integrated **RESTful APIs** for real-time data fetching.

Freelance
Product Designer   *Aout 2021 - Present*
- Created interactive wireframes and high-fidelity prototypes using **Figma** and **Adobe XD**.
- Designed responsive, accessible UI components and layouts, adhering to **UI/UX best practices**.
- Iterated on feedback through usability testing.

PROJECTS

Image Recognizer for Clothing Styles
Academic Project   *April 2024 – Mai 2024*
- Developed an AI-powered image recognition system that identifies similar clothing styles from an eCommerce product catalog based on an input image.

- Built the backend using **Flask** and **Python**, integrating the **TensorFlow** deep learning framework for image classification and similarity matching.
- Implemented **convolutional neural networks (CNNs)** to train the model.

Chrome Extension for Real-Time Content Filtering

Competition Project   *Oct 2024 – Sep 2024*
- Developed a Chrome extension that **blurs unwanted words** in real-time while users scroll through web pages.
- Integrated an **AI-based DOM content analyzer** that dynamically scans webpage content and applies the blur effect in real-time for each tab, maintaining a separate state for each session.
- Utilized **JavaScript** and the **Chrome Extensions API** to manage browser interactions, ensuring smooth functionality across multiple tabs and improving user experience by preventing lag during real-time content filtering.

React Native App for Faculty of Medicine

Freelance   *Aout 2024 – Oct 2024*
- Developed a mobile application for the Faculty of Medicine, allowing students to access **QCMs**, **revision videos**, and class schedules.
- Built with **React Native**.
- Integrated a **custom map** feature to guide students within the faculty using geolocation services.

ACTIVITIES AND LEADERSHIP

Member | IEEE ISIMM Student Branch   **2024-Present**

General Secretary | ATAST Club, ISSATSo   **2020-2022**

Trainer | Microsoft ISSATSo Club   **2023-Present**

SKILLS

Programming Languages:
- Java, Python, JavaScript, TypeScript, HTML/CSS, C, C++, C#, PHP, Flask, Tensorflow, Keras

Machine Learning & Data Science Frameworks:
- Scikit-Learn, Pandas & NumPy, OpenCV

Frontend Technologie:
- React.js, Next.js, Angular, Redux, Tailwind CSS, SASS/SCSS, Bootstrap, GraphQl, Framer motion, Three.js

Backend Technologie:
- Node.js, Laravel, Symfony, CodeIgniter, express.js

Database:
- MySQL, Oracle, MongoDB, PostgreSQL

Version Control:
- Git, GitHub,Gitlab

Development Tools:
- Android Studio, IntelliJ, PyCharm, VS Code, Eclipse, Jupyter Notebooks

DevOps & Cloud:
- AWS, Linux Administration, Docker, Jenkins, Azure

Content Management & Design Tools:
- WordPress, Figma & Adobe Xd

Mobile Development:
- React Native