

Ismail Hussein

Software Developer

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PROFILE

I'm a highly enthusiastic, patient, focused, and passionate individual with great work ethic and strong communication skills. I graduated as a computer science student in the University of Wollongong in Dubai. Gained a lot of valuable life skills such as communication, teamwork, organization, IT skills.

EDUCATION

University of Wollongong, *Bachelor of Computer Science* 2023 | Dubai, UAE

Al-Nahda National School, *High School Diploma* 2019 | Abu Dhabi, UAE

SKILLS

FrontEnd Development: (HTML, CSS, JavaScript, ReactJS, NextJS, Typescript, ChakraUI, TailwindCSS, Bootstrap),

Application Development: (Flutter, React Native), **Other:** (Python, Django, C++, Java, MySQL, MongoDB)

PROFESSIONAL EXPERIENCE

The American Chamber of Commerce, *Data Analyst intern* Jul 2022 – Nov 2022 | Cairo, Egypt

- Utilized Pandas and NumPy to analyze large datasets for the American Chamber, resulting in actionable insights.
- Implemented rigorous data validation protocols to ensure accuracy of member data.
- Created visually compelling reports using Matplotlib and Seaborn, effectively communicating key findings to stakeholders.

Vibes, *Customer Service* Aug 2021 – Nov 2021 | Abu Dhabi, UAE

- Sold admission, processed payments, and issued tickets in events.
- Reviewed tickets for authenticity and applicability to event.
- Directed ticket holders to seats and facility locations.
- Resolved problems, improved operations, and provided exceptional service.

CERTIFICATES

- Meta Front-End Developer [🔗](#)
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- Django Web Framework [🔗](#)
- AWS Certified Cloud Practitioner [🔗](#)
- Python and its libraries for data science [🔗](#)
- Data Analysis using SQL [🔗](#)
- American Chamber internship certificate [🔗](#)

PROJECTS

My Portfolio Website, - *NextJs, React, TypeScript, Tailwind CSS, Sanity, Redux:*

- Developed a visually stunning portfolio website with Next.js, React, and Tailwind CSS, featuring both dark and light mode options for enhanced user experience.
- Implemented bilingual support (English and Arabic) and utilized Sanity CMS for efficient content management, allowing for seamless updates and modifications to website content.
- Integrated Redux for state management, ensuring a centralized and predictable state container for managing application data.
- Added a feature enabling users to send me emails with form validation, enhancing user interaction.

Facial Recognition attendance system, - *NextJs, Typescript, React, Chakra UI, & Python:*

- Developed a robust attendance system using facial recognition technology.
- Utilized MySQL database for efficient storage and retrieval of student names and attendance records.
- Implemented a user-friendly website with a FrontEnd interface using React, chakraUI, and Typescript and a backend system using Python.
- Integrated computer vision libraries like OpenCV and TensorFlow for accurate face detection and identification.

Aldar Properties Website, - *NextJs, Typescript, React, Tailwind CSS & Django for backend:*

- Ensured responsiveness across devices.
- Implemented robust filtering functionalities, allowing users to easily sort and navigate properties by types (apartments, villas, townhouses) and bedrooms. The data is stored in the cloud using Render.
- Enhanced user engagement by enabling detailed property exploration – users can click on properties in the list to access comprehensive information about each listing.

Real Estate Project, - *NextJs, TypeScript, React, TypeScript, & Tailwind CSS:*

- Employed the useContext API to efficiently manage state across components, enhancing data flow and maintainability.
- Utilized Tailwind CSS to deliver a sleek and responsive user interface, offering an exceptional user experience with consistent styling.
- Leveraged the power of React and TypeScript for robust and type-safe component development, ensuring code reliability.

ASTUDIO Company Website, - *NextJs, TypeScript, React, & Tailwind CSS:*

- Crafted distinct and innovative designs for various screen sizes, ensuring a unique and engaging user experience on devices like iPad, laptops, and smartphones.
- Employed advanced CSS techniques to create a visually appealing and polished design, showcasing a high level of design craftsmanship.
- Implemented scroll transitions to enhance user-friendliness, creating a seamless and engaging browsing experience that keeps visitors immersed in the content.

Beaches Website, - *NextJs, TypeScript, React, & Tailwind CSS:*

- Crafted an elegant and visually captivating user interface, delivering a delightful user experience.
- Ensured responsiveness across devices.
- Enhanced user engagement through subtle and tasteful animations.

PUBLICATIONS

Performing Facial Recognition Using Ensemble learning

Mar 2023

This book chapter explores the application of facial recognition technologies, AI, and ML techniques in automating attendance management, with a focus on the "Automated Attendance System (AAS)" developed at the University of Wollongong in Dubai. Utilizes deep convolutional neural networks, VGG19, and EfficientNetB0 models, employing transfer learning and ensemble learning for high accuracy. Highlights the benefits of automation in attendance tracking.