

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, Primsa, Framer-motion, **Application Development:** — Flutter, React Native, **Other:** — ExpressJS, Python, Django, Java, MySQL, MongoDB

PROFESSIONAL EXPERIENCE

Aldrich International, *Full Stack Developer* May 2024 – present | Dubai, UAE

- Developed and maintained websites using React, Next.js, and WordPress.
- Handled backend development with Next.js APIs and MongoDB database management.
- Integrated APIs for front-end and back-end communication.- Used AWS S3 bucket for file storage.
- Hosted Websites on VPS in Hostinger

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

PROJECTS

ISA Saudi Conference Website, - *NextJs, TypeScript, React, & Tailwind CSS, Prisma, AWS:* [↗](#)

- Built a full-stack booking platform with TypeScript, React, Prisma, and MongoDB
- Integrated AWS S3 for file storage
- Applied advanced CSS and type-safe practices
- Ensured robust data security for user protection

Facial Recognition attendance system, - *NextJs, Typescript, React, Chakra UI, & Python:* [↗](#)

- Developed a facial recognition attendance system using React, ChakraUI, and TypeScript
- Built a backend system with Python
- Utilized MySQL for efficient data storage
- Integrated OpenCV and TensorFlow for accurate face detection and identification

My Portfolio Website, - *NextJs, React, TypeScript, Tailwind CSS, Sanity, Redux, Google Analytics:* [↗](#)

- Built a portfolio website with Next.js, React, and Tailwind CSS
- Added dark/light mode and bilingual support (English, Arabic)
- Integrated Sanity CMS for easy content management
- Used Redux for state management

Real Estate Project, - *NextJs, TypeScript, React, TypeScript, & Tailwind CSS:* [↗](#)

- Used useContext API for efficient state management and improved data flow.
- Implemented Tailwind CSS for a sleek, responsive UI with consistent styling.
- Developed type-safe components with React and TypeScript for reliable code.

ASTUDIO Company Website, - *NextJs, TypeScript, React, & Tailwind CSS:* [↗](#)

- Designed unique, responsive layouts for iPads, laptops, and smartphones.
- Applied advanced CSS for polished, visually appealing designs.
- Implemented smooth scroll transitions for a seamless, engaging user experience.

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.