

Mohammad Iskandarani

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EDUCATION

Gulf University of Science and Technology - GPA 3.96

Bachelor of Science in Computer Science, Honor Student

Kuwait

Sep. 2020 – Present

EXPERIENCE

Web Developer

September 2021 – January 2020

KuwaitNET

Kuwait City

- Assisted in building responsive websites using Vue.JS and Nuxt for clients.
- Improved the performance of slow websites by 55%, by adopting design patterns and techniques like lazy loading, tree shaking and build caching.
- Built unit tests using Jest for the frontend and the django testing module for the backend.
- Experimented with new django libraries like django finite-state-machine and django-unicorn.

Research Assistant

December 2021 – Present

GUST

Kuwait City

- Worked with Data Science libraries such as Numpy, Scipy, matplotlib and scikit-learn.
- Deployed computationally expensive programs to AWS in order to utilize their resources and reducing computing from days to minutes.
- Worked with datasets of over 5 million entries and analyzed them in order to extract useful data

Front-end Developer

December 2020 – May 2021

Exabx

Kuwait City

- Developed a fully responsive web app using React, parsing real time data using sockets and HTML-Events, handling multiple connections to the website efficiently.
- Used MobX to handle state management throughout the web app. allowing for decoupled and more testable code.
- Utilized modern libraries like Axios and Formik to make communication between frontend and backend as frictionless as possible.

Network Engineering Intern

November 2019 – February 2020

DVCOM Technology LLC

Kuwait City

- Assisted in creating network systems for schools and companies, integrating CCTV security cameras, servers and switches.
- Helped maintain servers and troubleshoot networking errors using utilities like Nmap, netstat and tcpdump.
- Built an invoice management system using Microsoft Access.

Graphic Designer

June 2018 – September 2018

WiseGroup

Kuwait City

- Increased company's online viewership by 120% by creating motion graphic videos using Adobe After effects and Adobe Illustrator designs for social media pages.
- Cooperated with external partners in filming and editing video content to increase social media engagement.

PROJECTS & ACTIVITIES

Note: All Projects are available for a private demo

TouchAPP | *React, MobX, Axios, web sockets, JWT, Formik*

August 2021

- Created a web interface for pharmacies to receive orders from clients in real time using websockets and HTML events.
- Developed an inventory management module for modifying or adding items to inventory.
- Implemented authentication system using JWT and Axios Interceptors.
- Worked with common JS libraries such as moment.js and lodash.

Printed | *Django, HTML, JS, CSS, Google Maps API, PostgreSQL* August 2020

- Created web app that allows users to pick the nearest printing shops and send documents for printing, using GeoDjango and Google Maps APIs.
- Developed an interface for shop owners to receive orders using Django admin panels and real-time sockets.
- Used Netlify for hosting the website and Heroku to host the PostgreSQL database.

WhatsBot | *Python, Selenium, Requests, Beautifulsoup*

- Created a general purpose Whatsapp bot using the Selenium library to dynamically scrape the JS-generated Whatsapp web page.
- Used the Beautifulsoup and Requests libraries to interact with APIs and webpages to access data needed for various commands.
- Ported the bot design to different platforms like Discord and Telegram, using their relative APIs as needed.

Volunteering with Warattel Youth Programs

- Volunteered at Warattel intending to offer mentoring, care and guidance to young participants to help shape them into active members of society.
- Gave a multitude of lectures and speeches about self improvement and personal development.
- Conducted Workshops teaching video editing and graphic design using Adobe Creative Cloud.
- Coordinated many programs with over 100 attendees to ensure an excellent experience for children and volunteers.
- Helped organized annual events attended by more than 800 people.

ACHIEVEMENTS & AWARDS

- Africa and Arab Collegiate Programming Championship finalist 2021.
- 2nd place in Kuwait Collegiate Programming Contest (KCPC), 2020.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML, CSS, Java

Frameworks & Technologies: React, Django, Django-Rest-Framework, PostgreSQL, Node.js, TailwindCSS, Bootstrap, FastAPI

Developer Tools: Linux, Git, Github, Bash