

Mohamed Hosam

SOFTWARE ENGINEER · FULL STACK DEVELOPER

Tepeköy Mah, izmit, Kocaeli, Turkey

☎ (+90) 552-540-1591 | ✉ mohamedhosaaam154@gmail.com | 🌐 m4hosam | 📺 m4hosam

Education

Kocaeli University

B.S. IN COMPUTER ENGINEERING (3RD)

- Turkey Scholarship Holder for Undergraduate Students. GPA of 3.53

Kocaeli, Turkey

Sep. 2020 - Jun. 2024

Skills

Programming	C, Node.js, Python, Bash
Back-end	MongoDB, Express, SQL, ASP. NET MVC, REST API
Front-end	JavaScript, React, HTML5, CSS, Razer Pages
Languages	Arabic, English, Turkish

Experience

Kocaeli University

FULL STACK DEVELOPER

- Worked on [Yemek Bursu Website](#) and was responsible of student application form and its security. We used ASP.Net MVC framework to develop the whole website.
- Built fully functional application form for students to apply to the scholarship easily and without facing any bugs.
- Made sure the student is authenticated and securely logged in to apply to the scholarship.
- Implemented an application view page for students to update or delete their application.
- Implemented input validation control to make sure student fill all fields in the page.
- Was responsible to solve any bugs or issues that any student might have after deploying the website.

Kocaeli, Turkey

Jun. 2022 - Nov. 2022

Freelance

MOTION GRAPHIC DESIGNER

- Worked on some logo animation videos with Adobe After Effects Tool for some freelance jobs.
- Worked on some video Editing and motion graphics projects that are listed in [my vimeo page](#).

Freelance

Jun. 2020 - Oct. 2020

Projects

E-Commerce Website

MERN FULL STACK

- Web scrape 4 different websites and compare the results together to get the a unique laptop with different sellers.
- Implemented a dynamic search engine to search on any laptop or specific seller.
- Implemented an E-Commerce website with admin section to add oand delete any product.

[preview](#)

React JS, Puppeteer, MongoDB, Node.js

Interactive Comment Section

FULL STACK NODE.JS

- Created a fully functional interactive comment section for user to add, reply, like or delete a comment.
- Implemented a responsive design for Desktop or mobile use (User Friendly)

[preview](#)

EJS, MongoDB, Express, Node.js

Bank Management System

DESKTOP APPLICATION

- Created a fully functional bank management system consisting of Client, Clerk and Manager Interfaces with their related normalized database.
- Established a connection between client and clerks so the client can request opening account or deleting account. Manger can assign clients to certain clerks and manage the currency values.
- Implemented loan management system with interest calculator over the requested time of the loan (credit).

[preview](#)

Python, PYQT, SQL

Multi-Threading Data Sorting

DATA ANALYSIS - DESKTOP APPLICATION

- sorted 1 million complaint data set using multi-threading capabilities to save execution time. With 20 threads we sorted the data sets in 20 seconds with 4 cores processor
- Found the similar issue regarding a Complaint-Id with multi threads in 0.9 seconds)

[preview](#)

C, Python, PYQT