



# Hüseyin Soykök

## Software Engineer

### ABOUT ME

A dynamic and highly driven engineer that is dedicated to further extending my knowledge of software and hardware technologies. I actively participate in group work to guarantee comprehensive investigation of concepts and am committed to completing assigned duties with the utmost efficiency.

As a determined and diligent engineer, I am constant in the achievement of my goals. I have been consistent in my commitment to learning a varied range of expertise throughout my graduate study and profession. My previous experience includes working as a software engineer, contributing to both individual projects and partnering with a number of prestigious corporations and financial institutions.

As a software engineer, I've always prioritized cyber security since I understand how important it is in today's technology world. This devotion involves a never-ending drive for self-improvement in this critical domain. Looking ahead, my motivation inspires me to expand my expertise of software engineering in order to contribute to the latest developments in artificial intelligence, cyber security and related fields.

### WORK EXPERIENCE

#### Creditwest Bank | Internship 2022

I participated in the Software Genius program at Creditwest Bank and worked as an intern software engineer. I worked in various jobs during my tenure (system installation in bank branches, troubleshooting malfunctions in branches). I also worked as a backend developer on the QR code-based entry and exit system for bank personnel using ASP.NET.

#### Cyprus Luxury Taxi | Full Stack Developer 2022

As a full-stack developer, I spearheaded the end-to-end execution of the Cyprus Luxury Taxi Company project, seamlessly blending front-end design, back-end coding(Node.js and Type Script), database architecture, and marketing efforts. The project, aimed at boosting employment in the tourism sector, was not only managed but also delivered successfully. Today, Cyprus Luxury Taxi Company thrives as a testament to its ongoing success.

<https://www.cyprusluxurytaxi.com>

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### EDUCATION

- **Namık Kemal High School**  
*Math and science department*  
Completed in September 2019
- **Eastern Mediterranean University**  
*Bachelor of software engineering*  
Completed in January 2024

### SKILLS

- Software Development
- Artificial Intelligence
- Cyber Security
- Programming Languages  
(Node.js, Type Script, HTML, CSS, Javascript, Python, Node Red, Proteus, Scilab, PostgreSQL, ExpressJS )
- Database Management

### LANGUAGES

Turkish (Native Language)

English (Advance)

# WORK EXPERIENCE

## **Aqua Tour Trave Agency | Full Stack Developer**

2023

As a solo full-stack developer, I orchestrated the comprehensive development of the Aqua Tour Travel Agency project. From front-end design to back-end coding(Node.js and Type Script), database architecture, and marketing strategies, I successfully navigated every aspect. The project, dedicated to enhancing tourism, stands as Aqua Tour Travel Agency, actively flourishing under my management.

<https://www.cyprusaquataxi.com>

## **Cyprus Taxi Now Company | Full Stack Developer**

2023

In my role as a full-stack developer, I single-handedly drove the development of the Cyprus Taxi Now Company project. I seamlessly handled front-end design, back-end coding(Node.js and Type Script), database design, and marketing. The project, aimed at optimizing taxi services, was not only successfully managed but also delivered with excellence. Today, Cyprus Taxi Now Company stands as a thriving entity in the transportation sector, a testament to its ongoing success.

<https://cyprus-taxi-now.com>

## **Nucleus Software | Full Stack Developer**

2024

As a Full Stack Senior Developer at Nucleus Software, I am working a pivotal role in overseeing comprehensive project development. My responsibilities span from front-end design and back-end coding to database architecture. I successfully navigated diverse tasks to ensure the seamless integration of projects, contributing significantly to Nucleus Software's success in the technology landscape.

# PROJECTS

## **Eastern Mediterranean University | Blockchain Systems**

2022

In the project's design, we implemented the Merkle Tree method for blockchain verification and encryption, alongside RSA encryption for securing private and public keys. To enhance security, a straightforward verification algorithm was developed to validate whether the entered private key corresponds to the provided public key. As a result, the project ensures a secure and decentralized shopping experience for users, allowing them to shop in a confidential environment without tracking.

## **Eastern Mediterranean University | Pharmacy Information System (PSI)**

2023

This project focuses on simulating pharmacy information and stock status, addressing the needs of pharmacists. The primary objective is to develop a new pharmacy information system based on feedback from pharmacists, addressing their specific challenges. The project employs fundamental website programming languages, including HTML, CSS, and Javascript, to create an effective and user-friendly system that caters to the unique requirements of pharmacy management.

## **Eastern Mediterranean University | Vehicle Motion Control (VMC) Real-Time System Project**

2023

This project utilizes Python to create a vehicle simulation program with a user interface (GUI) for real-time plotting. Users can specify virtual vehicle characteristics, control simulation parameters, and observe the vehicle's behavior over time. The combination of these methods aims to enhance user understanding and decision-making in the simulation environment.

## **Eastern Mediterranean University | Incubaby (IB01) Design of controller for a premature infant**

2024

The INCUBABY (IB01) project designs a control system to support the healthy development of premature babies. In this project, a control and monitoring system of a baby incubator will be developed using Node-RED, Scilab and Proteus. This project effectively uses modern technology with the aim of improving the living conditions of premature babies.

## **Eastern Mediterranean University | Sponsorship and Donation Web Application**

2024

This project is dedicated to creating a system that aids and provides donations for underprivileged children, specifically those who are orphaned or in need due to various circumstances. The implementation utilizes Node.js and follows the EJS format for dynamic web pages. PostgreSQL is employed for efficient database operations, ensuring the smooth functioning of the system in managing and facilitating assistance for children in need.