

Ali Faruk KUCUKMUMCU

64 Langley Ave, Toronto, ON M4K 1B5 | 437-433-4003 | alifaruk.km01@gmail.com

HOW CAN I HELP YOU?

With my experience as a Backend Developer and proficiency in NodeJS and C#, I can provide valuable assistance in building robust backend systems, connecting applications to web services, and developing scalable solutions. Whether you need support in backend development, system architecture, or integrating cutting-edge technologies, I am here to deliver reliable and efficient solutions tailored to your needs.

SUMMARY

Software Developer with over 4 years of experience as a Backend Developer. Specialized in building robust backend systems and connecting applications to web services. Proficient in NodeJS as my primary tech stack and skilled in C# as well, which I utilized in my previous roles at OPLOG Operational Logistic and Innova Software Solutions. Strong track record of successfully completing projects, including a scooter sharing platform with 2500 IoT devices and a mobile app catering to 500+ daily users, while working at Extrawatts and other previous companies. Skilled in developing NFT and ICO platforms, including projects completed at TokenSuite and other previous companies. Previously contributed as a Backend Developer at Qooper Mentoring & Learning Software, where I played a key role in developing and maintaining backend systems for mentoring, onboarding, and learning services. Highly adept at improving system functionality through effective connectivity and managing complex code through API endpoint installations for multiple internal web applications.

TECHNICAL COMPETENCIES

- Programming Languages
 - Javascript (NodeJS)
 - C# (.Net, .Net Core)
- Frameworks and Libraries
 - Fastify, Express, NestJS
 - NextJS, ReactJS
 - Web3JS
- Databases
 - T-SQL (PostgreSQL, MSSQL)
 - No-SQL (MongoDB, CosmosDB)
 - In-Memory (Redis)
- Cloud Technologies
 - Heroku
 - AWS

PROFESSIONAL EXPERIENCE**Backend Developer** | Qooper Mentoring & Learning Software**Jan 2022 – Jun 2023**Overview:

As a Backend Developer at Qooper Mentoring & Learning Software, I am responsible for developing and maintaining the backend systems that support our company's mentoring, onboarding, and learning services for various organizations. To accomplish this, I utilize various technologies, including **NodeJS** with the **Fastify framework**, **PostgreSQL**, and **Redis**. Our current codebase architecture is monolithic. We also use **Heroku** as our cloud platform to host our services. My role as a backend developer involves not only writing high-quality code but also collaborating with other members of the development team to design and implement new features, debug issues, and continuously improve our codebase's performance and scalability.

Backend Developer | Kiwi Mobility & TokenSuite**Nov 2020 – Jan 2022**Overview:

As a Backend Developer at Extrawatts, I played a crucial role in the creation of new codebase architecture for Kiwi Mobility, a mobile app similar to Bolt in Ukraine for electric scooters. My work with a team led to the development of a **monolithic architecture**, utilizing **MQTT** and **AMQP** protocols for **IOT** devices with **NodeJS** as the primary programming language. The database technologies employed were **PostgreSQL**, **CosmosDB**, **Redis**, along with **Azure** technologies for the project.

In TokenSuite, our focus was on developing blockchain products, including NFT marketplaces, smart contracts, and web3 applications. As a full-stack developer, I utilized a variety of technologies, including **NestJS**, **NextJS**, **GraphQL**, **MongoDB**, and **Web3JS**, among others.

Our projects include:

- ethernity.io (NFT Marketplace)
- securepad.io (IDO Platform)
- blacklemon.wtf (NFT Marketplace)
- ignition.paidnetwork.com (IDO Platform)

Note: Kiwi mobility & TokenSuite CEOs are the same but appear to be two different companies. The engineering team is the same.

Backend Developer | OPLOG Operational Logistic**Feb 2020 – Nov 2020**Overview:

As a Back-end Developer at OPLOG Operational Logistic, my primary focus is on developing warehouse solutions utilizing various technologies. Our back-end systems typically run on **Azure**, with **.NET Core** and **.NET Framework** as the primary programming languages. We use Azure products and technologies such as **Azure Functions** and Pipelines to optimize our systems. In my role, I am responsible for developing new algorithms and making improvements to existing products utilized in our warehouse and throughout the company. Technologies I work with include **.NET Core** and **.NET Framework**, **Entity Framework**, **Monolithic Design**, **MSSQL**, **ReactJS**, and **DDD Design**.

Backend Developer | Innova Software Solutions**Aug 2019 – Jan 2020**Overview:

We are create some .net solutions and payment systems . Using technologies .net framework and core . Some ORM's castle, **FluentValidation**. **EntityFramework**. (**.NET Core** and **.NET Framework**, **Monolithic Design**, **MSSql**, **ReactJS**, **DDD Design**)

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INTERNSHIPS

Project Intern | TEI - TUSAŞ Engine Industries, Inc

Oct 2018 – May 2019

Overview:

During this internship, I wrote a log aggregation agent to user computers. Via this agent, I kept some of the windows event logs (like system , application etc) in the **MongoDB** no sql database. Then I tried to send these logs to **IBM QRadar** technology.

Intern | TUBITAK

Jul 2018 – Sept 2018

Overview:

I researched **LifeRay** , **Maven** , **Docker** , **OSGi** , Apache Felix technologies during internship.

Intern | Onedio

Jun 2018 – July 2018

Overview:

During the 40 day internship period , creating test environment within TestRail, **NodeJS** . Moreover, developed beginner type web apps like Calculator, Todo App etc. with pure **HTML,CSS, JS**. Moreover during this internship I researched **ReactJS**.

EDUCATION

Bachelor of Science, Computer Engineering | Eskisehir Osmangazi University

2019