OSMAN RAIF GÜNEŞ

Full Stack Developer

Boğaziçi University

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CAREER SUMMARY

Experienced full-stack developer with 12+ years of expertise in web, desktop, and hybrid mobile application development. Specialized in building scalable solutions from concept to deployment using modern technologies and best practices. Core competencies include backend services with .NET and Node.js, RESTful API development, database design and optimization, frontend frameworks (Angular, React), cloud infrastructure (AWS, Azure), and DevOps practices including Docker and CI/CD pipelines. Passionate about delivering high-quality software solutions, mentoring teams, and staying current with emerging technologies and industry best practices.

WORK EXPERIENCE

Full Stack Developer

Poilabs

2024 - ~

I started as a full-stack developer at Poilabs in January 2024. We are developing location-based campaign and indoor navigation applications.

Currently serving as a full stack developer, leading UI development initiatives and managing cross-functional project teams to deliver innovative location-based solutions.

Achievements:

- Rewriting and refactoring entire admin panels for improved performance.
- Development of web and mobile-based navigation applications.
- Development of mall management module and analytics dashboard.

Technologies used:

`Angular` `Azure` `Docker` `React.js` `REST APIs` `CI/CD` `Node.js`

Lead Developer

[RobotQA](#)

2016 - 2024

Joined RobotQA as lead developer in 2016, spearheading the development of comprehensive test automation systems and device park management software solutions.

Led full-stack development initiatives including database architecture, desktop applications, and Node.js RESTful API services.

I also developed hand terminal of [dia](#) using Node.js as a side project.

Achievements:

- Development of [RobotQA](#).
- Instantaneous monitoring and test automation running on more than 100 mobile devices at device park.
- Implemented automated testing solutions for 300+ mobile applications.
- Developed codeless test automation system using record/playback technology, reducing testing time by 70%.

Technologies used:

`C#` `Node.js` `WPF` `Angular` `Ionic` `PL-SQL` `TypeScript` `HTML/CSS/SASS/LESS` `Selenium` `Appium` `Cucumber` `Docker` `AWS`

Part time instructor

[Istanbul Medipol University](#)

2018 - 2020

Served as part-time instructor at Medipol University, teaching three key courses: web development, internet technologies, and backend development with Node.js. I taught classes for two years.

Concurrently worked as a full-stack desktop developer, managing database

scripting, desktop application development, and WCF services architecture.

Achievements:

- Successfully taught 200+ students across four semesters with excellent student feedback.
- Mentored more than 150 graduates, many of whom are currently working at major tech corporations.
- Developed a software application with students to manage classes with QR code: classroom.software.

Technologies used:

`WPF` `Telerik` `WCF` `.Net` `T-SQL`

Full stack developer

Istanbul municipality (belbim)

2013 - 2015

Led development of enterprise call center management software that processed real-time data from 6 million users' NFC cards and provided comprehensive analytics for internal operations teams. The application proactively identified operational issues and streamlined call center support processes.

Worked as full-stack desktop developer, responsible for database architecture, desktop application development, and WCF services projects.

Achievements:

- Optimized application performance, reducing response time from 5 minutes to 10 seconds (98% improvement).
- Implemented multi-threaded binary data parsing for real-time processing.
- Built monitoring system capturing errors from 10,000+ servers in real-time.

Technologies used:

`WPF` `Telerik` `WCF` `.Net` `T-SQL`

Full stack web developer

OnUs Services

2012 - 2013

Led development of two strategic projects: The first project focused on helping financial institutions optimize ATM placement through geographic information systems and advanced data analytics. The second project involved measuring GSM operator plan efficiency and automating optimal plan selection for financial institution customers.

Worked as full-stack web developer, responsible for database architecture, UI/UX implementation, and RESTful WCF services for both projects.

Achievements:

- Developed geospatial data visualization system processing 13 million users' geographic data.
- Reduced telecommunication costs of two national banks by 30%.
- Integrated 1 billion demographic data points from multiple sources with automated reporting.

Technologies used:

`JavaScript` `jQuery` `Jeasy-ui` `.Net` `WCF` `T-SQL`

ETL / ELT expert (Intern)

QNB Finansbank

2011 - 2012

Worked on Extract, Transform, Load (ETL) processes within the database administration team. Utilized Oracle Toad for data management and optimization of 11 million user records.

Achievements:

- Optimized ETL processes for 11 million user records, improving data processing efficiency by 40%.

Technologies used:

`Toad` `PL/SQL`

EDUCATION

Bachelor Computer and Educational Technology

Boğaziçi University

2007 - 2012

MSc Computer Engineering

Yıldız Technical University

2022 - Present

SKILLS & TOOLS

Backend

.Net (C#)

Node.js

WCF

SQL

REST APIs

Frontend

Angular

Vue.js

JavaScript / jQuery

ASP.net (MVC)

HTML/CSS/SASS/LESS

React.js

TypeScript

WPF (Desktop)

Others

| Git | Ionic | Docker | Kubernetes | AWS | Azure | Appium | Selenium |
| Agile/Scrum | DevOps | Unit Testing | API Design | Microservices |

AWARDS / CERTIFICATES

🏆 **723rd rank at national exam**
I ranked 723rd in Turkey's national university selection exam (OSS)

🏆 **Enterprise design patterns**
Certificate of enterprise design patterns course.

🏆 **WCF Certificate**
Certificate of WCF service design and development from csystem.org.

LANGUAGE

English (Fluent) (YDS 83)

Turkish (Native)

INTERESTS

Computer games
(Age of empires)