

Furkan Kuru

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Professional Experience

Wells Fargo, USA

Fullstack .Net Developer

July 2022 – Current

- Developed frontend components using **React**, **Next.js** and **ASP.NET MVC Razor Pages**.
- Worked on **Suspicious Transaction Algorithm** and helped in the design, development, and release of the application.
- Improved **LINQ** queries for complex scenarios, enhancing **query performance** by **70%** and significantly boosting application speed and efficiency.
- Created **SignalR** architecture live notification system for notifying suspicious transactions and helped implement to client and server side.
- Followed **TDD** (Test Driven Development) using **MOQ** and **Xunit** Testing Frameworks
- Utilized **Azure DevOps** for **CI/CD** pipelines, version control, and project management.
- Developed and integrated **gRPC** services for efficient, high-performance communication between microservices.
- Implemented messaging queues using **RabbitMQ** for efficient asynchronous communication.
- Created **custom batch files** for Linux, Mac, and Windows platforms to run project functionalities locally.
- Devised a **Kubernetes**-based microservices infrastructure that reduced system complexity and increased availability.

WiPro, USA

.Net Backend Developer

March 2021 – July 2022

- Developed backend services and **APIs** using .NET for various applications.
- Used **JWT** to do user authentication and secure information exchange.
- Used **Entity Framework** for Object relational mapping (ORM).
- Played key role in feature implementation and enhancement, **code refactoring** and **defect fixing**.

Additional Skills

GitHub: <https://github.com/frknkuru>

Languages, Libraries, and Frameworks:

- C#, .NET, ASP.NET, ASP.NET MVC, jQuery, HTML, CSS
- React, Next.js, TypeScript, Axios, Bootstrap, JavaScript
- PostgreSQL, MsSQL, Mongo DB, Docker, Kubernetes

Tools and Technologies: RESTful web services, Postman, Swagger, API, JSON, xUnit, Docker, Kubernetes, RabbitMQ, Azure DevOps, CI/CD, gRPC, Microservices

Version Control and Project Management: Git, GitHub, GitLab, Azure DevOps

Education

Sakarya University, Turkiye

Associate Degree **Computer Science**

(GPA: 3.6/4.0)