

Mustafa Ayaz

About

Programming adventure has started in 2016 for me. Since then, I've been developing projects and improving myself as a full Stack Developer. Not only with programming, but I have also improved myself with technology around which helps a lot to understand what real coding and challenges are. Whilst these improvements are going on, I used many programming languages and tools most of which are Microsoft's. But as an engineer, I try to involve in every technology which I can create a solution. For desired quality criteria, I always think about alternatives.

Skills

C#, .NET, MSSQL, MongoDB, PostgreSQL, NodeJs, Typescript, Loopback4, Linux, Docker, Kafka, Redis, OpenWhisk, Git, Github Actions, VueJS for development **Scrum, Jira** for project management.

Familiar with: **AWS, Microservices, RabbitMQ**

Experience

Rappider *Software Engineer, Full-time, Dec 2022 - May 2024*

- Maintaining existing codebase by fixing defects and refactoring weak areas in project.
- Throughout the project lifecycle, from conception to maintenance, highly involved in removing blockers, fostering a creative work environment, and communicating with the team to ensure we meet product requirements.
- Participating in peer code reviews to prevent bugs and improving code quality.
- Initiated, developed and managed a microservice that runs user created workflows on-premise, using kafka and openwhisk.
- Developed user authentication and security measures including google, github, facebook authentication using JWT.
- Configured a robust CI/CD pipeline using GithubActions, significantly enhancing development operations with testing as well as exported projects'.
- Initiated, developed and managed multiple packages such as data transformation that handles user defined functions with JSONata, git integration that handles changes in user created project configurations ...etc. Increased software reusability and reduced duplication of work in collaboration with other engineers.

Tech stack: NodeJs, Loopback4, MongoDB 6, Kafka, OpenWhisk, Redis, Nginx, Github Actions.

Antsoft *Software Engineer, Intern + Part-time, Nov 2021 - Jul 2022*

- Responsible for developing frontend and backend of multiple B2B products and APIs.
- Logo ERP integration.
- One of the primary people who worked on integrating WinForm products into one using Javascript and AJAX on UI and C# on the server.

Tech stack: C#, ASP.NET MVC, SQL Server 2017, T-SQL, Redis, Javascript, jQuery, Bootstrap.

Projects

MUDEK Matching | [Github](#)

Supports matching between the MUDEK's (Association for Evaluation and Accreditation of Engineering Programs) outcomes and classes' question based exams using NLTK, question based reports of students and at which rate do the students meet MUDEK's requirements. The software integrates with the university's obs system and brings all into a page and makes it automatically as well as reducing the time spent on the reports dramatically. The software also sends surveys through e-mail to graduated students for how they value themselves to department's outcomes and visualize the data.

Education

Fatih Sultan Mehmet University
B.Sc. in Computer Engineering

Istanbul / Turkey
2017 - 2022