

Taylan Ekin Kara

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SUMMARY

My name is Taylan, and I have been working as a software developer for 3 years. I have experience with modern technologies such as **.NET Core, Node.js, React-Next.js-Angular**. I have developed applications in various projects using database systems like **PostgreSQL, MSSQL, and MongoDB**. I am proficient in object-oriented programming and strive to develop software in accordance with **SOLID principles**. I can effectively use platforms such as **Jenkins and Github Actions** as **Continuous Integration** tools. I have experience in application containerization using Docker. I am skilled in creating responsive designs using **HTML and CSS** (tailwind-bootstrap, etc.). I also have proficiency in working with **Linux** systems.

SKILLS

- .Net Framework - .Net Core - ASP.Net Core MVC
- Node.js
- React-Next.js-Angular
- HTML/CSS (tailwind-bootstrap etc.)
- PostgreSQL-MSSQL-MongoDB
- Continuous Integration (Jenkins, Github Actions)
- Azure
- Docker
- Unit Testing (xUnit-Jest)
- Python Django
- GIT

PROJECTS

MadameCoco Warehouse-ERP Integrations | *Angular, .Net Core, MongoDB, PostgreSQL, Kafka, Redis, Kubernetes*

- Developed backend services using Kafka, Redis, and Kubernetes to facilitate communication between ERP and logistics systems.
- Made frontend improvements and bug fixes using Angular.

Gözen Security CIP | *Next.js, .Net Core 6, PostgreSQL, Docker, Git Actions, Nginx*

- Designed backend and database architecture, implemented REST APIs, and created cron jobs using Hangfire.
- Integrated SOAP services and deployed environments on Linux servers using Docker and Nginx.

Futalert | *Angular, .Net Framework, MSSQL, Docker, Jenkins, Linux*

- Upgraded Angular from version 9 to 15 and redesigned all frontend pages, including the landing page.
- Developed REST APIs with .Net Framework and integrated Stripe and PayPal payment systems.
- Set up CI/CD pipelines and environments using Docker and Jenkins.

Student Information System (SIS) | *.Net Core, MongoDB-PostgreSql, Next.js, Docker*

- Developed and maintained a comprehensive Student Information System (SIS) for managing student records, course registrations, and academic performance.
- Implemented backend services using .Net Core, MongoDB and PostgreSql to handle large-scale data efficiently.
- Designed user-friendly frontend interfaces with Angular to improve usability for students and administrative staff.
- Deployed the system on Dockerized environments to ensure scalability and reliability.

Other Projects

- **Saloon Burger Website:** Developed product cards, shopping cart pages, and Google Maps API integration using Next.js and .Net Core.
- **Borusan Premium Rental Website:** Contributed to admin panel and user interface development using ASP.Net MVC and Angular.
- **FutAlertScraper & FutAlertAIChatbot:** Built a data scraper and an AI-powered chatbot using MERN stack and Python Django.

EXPERIENCE

Full-Stack Software Developer | *T.C. Istanbul Arel University*

December 2024 - Present

- Contributing to the development and maintenance of university management systems, including Student Information Systems (SIS), purchasing modules, and other administrative tools.
- Developing and optimizing backend services using .Net Core and improving frontend interfaces for better user experience.
- Collaborating with different departments to gather requirements and implement tailored solutions for internal processes.
- Ensuring system reliability and scalability by integrating modern technologies and following best practices.

Full-Stack Software Developer (Contract) | *FUT Alert (Joint Venture with Rea Technology)* April 2023 - December 2024

- Worked on modernizing the Fut Alert platform, a joint venture project with Rea Technology, focusing on real-time football data and personalized notifications.
- Redesigned the frontend using Angular, developed REST APIs with .Net Framework, and integrated payment systems like Stripe and PayPal.
- Set up CI/CD pipelines and Dockerized environments to streamline development and deployment processes.

Full-Stack Software Developer | *Rea Technology*

January 2023 - December 2024

- I contributed to frontend and backend development for turnkey projects of companies such as MadameCoco, Borusan Holding, Aydın Holding, and Gözen Holding. I created testing and development environments on Linux machines using Docker and Jenkins.
- I participated in Agile and Scrum-based projects, including MadameCoco, Borusan Premium Rental, Saloon Burger, and Gözen CIP. I worked with large teams.

Full-Stack Software Developer | *Freelance*

September 2022 - January 2023

- I collaborated with various people on many different projects. I especially created automation projects and bots using Node.js (MERN STACK).
- I developed backend projects with .NET and frontend projects with React for individuals.
- I made improvements related to MySQL connections, database designs, and UI bug fixes for e-commerce sites created with PHP.

Intern | *Sertel Vida Metal A.Ş*

June 2021 – September 2021

- I worked on resolving and improving issues related to the database (MSSQL) of ERP-MRP programs.

EDUCATION

Alaaddin Keykubat University

September 2018 - June 2023

Industrial Engineering

REFERENCES

- References available upon request