Emirhan Baran

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Jr. Backend Developer

Hello, my name is Emirhan Baran. I am an extremely energetic, self-motivated and team-oriented person who develops himself in the field of web technologies. I started Bursa Technical University Computer Engineering department in 2020. By taking the Erasmus exam held by our university in 2021, I was entitled to study for a semester at Italy's Politecnico Di Bari University. After my Erasmus period, I participated in various backend developer bootcamps and improved myself and produced projects. I follow new technologies and try to follow and use current technologies by attending conferences and courses.

EDUCATION

Bursa Technical University   September 2020 – July 2025
Bursa, Turkey
Computer Engineering
- English preparation was successfully passed with 93 points out of 100.
- Algorithm and Programming, Object-Oriented Programming, Web-Based Programming, Database Management Systems, Computer Architecture, Data Structures, Operating Systems courses have been successfully completed.

Politecnico Di Bari   September 2022 - March 2023
Bari, Italy
Computer Science
- I successfully completed the Advanced Software Engineering and other courses I took from Politecnico Di Bari University, where I was an Erasmus exchange student, and carried out a research project at the end of the Advanced Software Engineering course. (You can find this research project in the 4th Project in the Projects section.)

Kodluyoruz & Bursa Büyükşehir Belediyesi   May 2023 - June 2023
Online
Web Backend Developer
- We are coding and I was entitled to receive training by successfully passing various interviews at the bootcamp training jointly organized by Bursa Metropolitan Municipality. During this training period, I worked on the Java Spring framework. During this period, we examined projects written with a monolith and microservice structure and worked with some important design patterns (Factory, Builder, State).

Innova & BTK Academy   July 2023 - September 2023
Ankara,Turkey
Web Backend Developer
- I was entitled to participate in the bootcamp training organized in partnership with Innova Bilişim and BTK Academy. Here I had the opportunity to work on technologies such as Java Spring framework and modules and docker. As a graduation project, I made an e-commerce website example.

PROFESSIONAL EXPERIENCE

TUBİTAK BİLGEM YTE, Ankara, Turkey   September 2023 – October 2023
Backend Developer
- In this program, in which I was accepted as part of the Presidential national internship program, training was received on Java, Java Spring, Microservice architecture and various projects within Tübitak were examined.

PROJECTS

#1 e-commerce website   2023
- Project Link: https://github.com/emirhanbaran0/e-commerce
- Used Technologies: Docker, Maven, Spring Boot, Spring Security, Spring Data JPA (Hibernate), Log4j, PostgreSQL, Lombok, Model Mapper, Swagger
- Description: An E-Commerce Site Project designed for users to buy products and for the owner to sell the products. People who are members of the site can open an account and make purchases and log in to the account. The backend is designed as Monolithic Architecture with various nuances.

#2 quizapp   2023
- Project Link: https://github.com/emirhanbaran0/quizzapp
- Used Technologies: Java, Springboot, Spring Data JPA, Postgre Sql, Spring Web
- Description: An application has been developed where people can upload questions to the system about a certain subject and allow users to take an exam with questions from certain categories selected. The questions have 3 different difficulty levels: easy, medium and difficult, and these are taken into consideration when creating the exam.

                                                                      2023
#3 iddef website
- Project Link: https://github.com/emirhanbaran0/IDDEF-WEB-SITE-PROJECT
- Used Technologies: HTML, CSS, PHP, SQL
- Description: I designed a website where donations are made for various projects by logging in to the site. While creating this site, I used HTML, CSS Bootstrap and Javascript for the front end, while I used PHP language for the back part, and the database was created with SQL queries.

                                                                      2022
#4 Applying Blockchain Technology to Agri-food Traceability
- Project Link:https://www.linkedin.com/posts/emirhanbaran0_applying-blockain-technology-to-agri-food-activity-7033513932908544000-xzYj?utm_source=share&utm_medium=member_desktop
- Description: The aim of this research was to access scientific literature on agricultural food traceability via Blockchain with a consideration period between May 2022 and December 2022. From the first search, consisting of a total of 128 references, 31 studies were examined and answers were found to the questions to be investigated.

SKILLS AND INTERESTS

- Technologies Used: Docker, Java, Springboot, Spring Web, Spring Data JPA, Hibernate, Spring Security, Redis, Html, CSS, PHP, SQL
- Skills: Docker, Problem Solving, Linux, Establishing and analyzing algorithms, Web technologies
- Languages: Turkish (Native), English (B2) , Italian (B1)