FURKAN KARAKUS
JR. SOFTWARE ENGİNEER

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Year of Birth: 5.11.1999
Github: github.com/m1erla
Portfolio: portfolio-website-furkan

SUMMARY

Full-stack developer with three years of Java expertise and a university degree in Management Information Systems. Developing web and mobile enterprise applications with AI integration. In-depth knowledge of Java, React, databases and version control. Experience in test automation (Python, Pytest, Selenium). English C1, German A1. Looking for development opportunities in the IT sector.

EXPERIENCES

Junior Software Engineer, Türkmen Media   **August 2023 - March 2024**
- Development and maintenance of web-based enterprise applications that improved usability and system reliability.
- Back-end development and contributions to front-end codebases.
- Design and implementation of RESTful APIs that enabled seamless integration with third-party services.
- Deployment and maintenance of the project using Docker on VPS.
- Integration of the Stripe SEPA payment method.
- Development of a chat room application.

IT support technician, KINTEX   **October 2024 - November 2024**
- I worked as a trainee IT support technician.

6-month Fullstack Web Development Bootcamp, Patika+   **May 2023 - October 2023**
- As part of a comprehensive bootcamp program at Patika, I specialized in Java, Spring Boot, React and MySQL.
- I integrated these skills into a current full-stack project in which I developed a vehicle registration system.

Backend Developer, Wiki Software   **January 2021 - July 2022**
- I gained practical experience with Swing and Hibernate in our projects. I worked successfully in a team and supported customer presentations of project developments.

Business owner, KARMAR Market   **January 2019 - January 2020**
- I ran a grocery store for a year. After the takeover, I increased the number of customers from 150 to 300. Within a month, I increased turnover by 40% and profit by 50%.

EDUCATION

Management information systems
Anadolu University, Eskisehir   **September 2019 - August 2024**
- Java - MySQL - Databases - English - PHP - SQL - Product Management - Product Marketing.

CS50s Introduction to Computer Science   **July 2023 - December 2023**
Harvard, Online
- HTML · Scratch · SQL · C · SQLite · CSS · Python · Flask · JavaScript

Solidity & BNB Chain Development Bootcamp   **October 2023 - November 2023**
Rise.in, Online
- Chiliz · Web3 · Smartchain

QA Test Engineer, Bootcamp   **February 2023 - April 2023**
Kodlama.io, Online
- In this bootcamp I learned how to use Selenium and Pytest and also how to use SauceLabs for testing.
- Python · pytest · Selenium · Sauce Labs

SKILLS

- **Programming languages:** Java, Python, JavaScript/TypeScript, C#, Kotlin, SQL, Node.js/Next.js
- **Software/frameworks** : Spring, Spring Boot, React/Redux,Redis, Websocket, Stripe SEPA Payment,Docker, Slack, Cursor AI, AWS, Render, VPS, MySQL, PostgreSQL, MongoDB, JPA, Rest APIs, Spring MVC, Selenium, Postman, Scrum, Jira, Confluence, Git, Flask, Pytest, SSL/TLS
- **Soft-skills:** Agility, teamwork, time management, patience, continuous learning, collaboration, adaptability, attention to detail
- **Languages:** Turkish (Native), English (C1), German (A1)

CERTIFICATES

EF SET English Certificate (C1 Advanced)   **August 2024**
EF SET
- cert.efset.org/en/AnDvLu

CS50s Introduction to Computer Science   **December 2023**
Harvard
- certificates.cs50.io

Full Stack Developer Bootcamp Graduate   **November 2023**
Patika.dev
- cohorts.patika.dev/certificates/075df675

Chiliz Web3   **November 2023**
Rise In
- risein.com/certificates/1fa8d542

PROJECTS

Build Better
- A web application that enables customers to search for qualified specialists and professionals to respond to published vacancies.
- Java Spring Boot, Docker, MySQL, VPS, Plesk, Javascript, React, Websocket, Stripe
- github.com/m1erla/BuildBetter

XYZ Cars
- A web application with mandatory registration/login that offers comprehensive functions such as vehicle listing, adding and editing.
- Java Spring Boot, JSX, React Redux, PostgreSQL
- github.com/m1erla/car-registration-system

E-Commerce
- An e-commerce website with various functions such as product catalog, checkout and administration area.
- Node.js, React Context, JS
- github.com/m1erla/e-commerce

World Countries Explorer
- A web application for displaying current country information, including population figures, currencies and places of interest, as well as other extensive functions.
- React, TypeScript, Redux Toolkit, CSS Modules, REST Countries API
- world-countries-explorer-mu.vercel.app/

Pytest-Selenium QA Test
- A test environment for debugging and test processes, similar to platforms such as SauceDemo.
- Python pytest, Selenium
- github.com/m1erla/QA-Test

Chiliz Web3
- A web application for managing and requesting your own tokens with listing functionality.
- TypeScript, React Context, Next.js Moralis, ThirdWeb3,
- github.com/m1erla/Chiliz-Web3-Bootcamp-Final-Project

VOLUNTEER ACTIVITIES

Disaster Management System | AYS   **October 2024 - Present**
Software Engineer
- As a volunteer backend developer, I contribute to the team in developing and maintaining the project.
- github.com/afet-yonetim-sistemi

Software Cukurova   **March 2024 - Present**
Member
- linktr.ee/yazilimcukurova

CONFERENCES AND SEMINARS

Solana CrossRoads Istanbul 2024   **May 2024**
- www.solanacrossroads.com/

REFERENCES

Adana Chamber of Notaries Office Manager
- Ramazan Yılmaz - 90 (530)-343-46-76

Computer Engineer
- Caner Yılmaz - 90 (505)-571-39-63

Software Engineer
- Mustafa Özcan - 90 (507)-711-49-18