



Halit Egemen Keskin

Work permit: Turkish **Nationality:** Turkish **Date of birth:** 24/04/1997

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ABOUT ME

- Versatile Java Web Developer and Test Automation Engineer with expertise in full-stack development, TDD, and automated testing for scalable, data-driven applications.
- Skilled in integrating CI/CD pipelines to ensure code quality and deploying production-ready systems on cloud and VDS environments.
- Combines knowledge of digital marketing and affiliate systems with hands-on experience in backend architecture, API integration, and automated test design.
- Proven track record in building and maintaining robust e-commerce platforms and marketing tools using modern web technologies.
- Adept at leveraging analytics to optimize system performance and enhance user experience.

WORK EXPERIENCE

Egemen Keskin – Ankara, Turkey

Business or sector: Manufacturing

Web application developer

[01/04/2023 – Current]

Projects

Mayavox (Voice Over Studio Website)

URLs:

- <https://mayavox.com>
- <https://mayapex.com>

Description:

Developed a voice-over studio platform that allows clients to browse voice samples, authenticate, and send offers to the admin. The platform includes an admin panel for managing offers and notifications.

Also developed a Digital Marketing Agency platform with a similar tech-stack.

- Designed and implemented a full-stack application, utilizing React for the frontend and Java with Spring Boot for the backend, ensuring seamless functionality and user experience.
- Developed secure authentication and authorization features to control access for clients and administrators.
- Integrated JMS asynchronous messaging to facilitate email notifications for administrators upon offer submissions.
- Built an intuitive admin panel to efficiently manage and track client offers, enhancing operational workflows.
- Automated testing processes using JUnit, Selenium WebDriver, and RestAssured, ensuring reliability and robustness of the application.
- Implemented CI/CD pipelines to streamline and automate continuous deployment for faster and more efficient delivery.

InfluencerHomie

URL: <https://www.influencerhomie.com>

- Built a **data-driven web application** integrated with the **Amazon Product API** for automated coupon retrieval.
- Implemented a **Selenium WebDriver**-based scraper to log into affiliate portals, extract JavaScript-rendered coupons, and send structured data to a **Java backend**.
- Applied **Test-Driven Development (TDD)** with comprehensive unit and integration testing using **JUnit**.
- Integrated automated tests into **Jenkins CI/CD pipelines**.
- Persisted data in **PostgreSQL** using **Hibernate** with DTO-entity mapping for clean architecture.

Anadoludan Seçmeler

URL: <https://www.anadoludansecmeler.com>

- Developed a **secure Java web e-commerce platform** with **React (frontend)** and **Java + Spring Boot (backend)**.
- Integrated **Iyzico 3D Secure Payment** system.
- Automated backend and API testing using **JUnit** and **RestAssured**, integrated into CI/CD pipelines.
- Applied caching and performance optimization using **Redis**.
- Deployed via **Docker** on AWS EC2, later migrated to **VDS**.
- Enhanced availability and security using **Nginx** and **Cloudflare**.

Cross-Platform Digital Marketing Tool
(Ongoing)

- Developing a **full-stack** application with **React Native**, **Java backend**, and **PostgreSQL database**.
- Supports ad automation across **Google Ads**, **Meta**, **TikTok**, and **Snapchat APIs**.
- Implementing **TDD** with automated UI and API testing, integrated into CI/CD workflows.

Core Competencies & Tools

- **Languages & Frameworks:** Java, Spring Boot, React, React Native
- **Testing:** Selenium WebDriver, RestAssured, JUnit, TDD
- **CI/CD:** Jenkins, GitHub Actions
- **DevOps:** Docker, Nginx, Redis, AWS, Cloudflare
- **Databases:** PostgreSQL
- **APIs:** Amazon Product API, Iyzico, Google Ads API, Meta Marketing API, TikTok API, Snapchat API

Responsibilities

- Develop and maintain **full-stack software applications** following clean code principles and layered architecture.
- Identify, debug, and resolve **software defects** to ensure optimal functionality and performance.
- Write **automated test suites** (JUnit, Selenium WebDriver, RestAssured) in a **TDD** environment.
- Manage **DevOps workflows**, including Docker-based deployments, Nginx configuration, and Redis caching strategies.
- Execute **digital marketing strategies** and integrate with major advertising APIs for improved visibility and analytics.

EDUCATION AND TRAINING

Bachelors of Arts -Translation & Interpreting Studies

Boğaziçi University [01/09/2015 – 01/07/2021]

City: İstanbul | Country: Turkey | Website: <https://bogazici.edu.tr/> | Level in EQF: EQF level 6

LANGUAGE SKILLS

Mother tongue(s): Turkish

Other language(s):

English

LISTENING C2 READING C2 WRITING C2
SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

French

LISTENING B1 READING B2 WRITING B2
SPOKEN PRODUCTION A2 SPOKEN INTERACTION A2

Russian

LISTENING B2 READING B2 WRITING B2
SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Html, Java, CSS / Developer Web App / HTML, JavaScript, MySQL, NGINX / AWS / Serverless / React / JavaScript / Java / Kotlin / Docker / MongoDB / Git / Python / PostgreSQL

DRIVING LICENCE

Driving Licence: B 28/12/2015 – 31/12/2035