



HACI CELAL AYGAR

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EDUCATION

2013/09 – 2017/09 **Karabuk University, 2,87 / COMPUTER ENGINEER**
2008/09 – 2013/07 **Anadolu University, 2,32 / İKTİSAT**
2003 – 2007 **Demetevler Mimar Sinan High School**

WORK EXPERIENCE

2024/06 – 2025/05
Ankara, TURKEY
FMSS Bilisim Teknoloji, Full-stack Developer & Java Developer

- This project is about money transfer
- Working in Microservices projects and monolithic project
- Bug fixes, new features created on the frontend and backend, new improvements made on existing features
- Upgrading Spring boot version to 3 from 2, Java version to Java 17 from Java 11 in 2 microservices

Tools & Technologies: Microservices, Java 11-17, Spring Boot, React Js, JPA, Hibernate, Feign Client, Maven, Oracle, Kafka, Redis, Docker, OpenShift, Tailwind, HTML, CSS, Git, Jenkins, Jira, Confluence.

2022/04 – 2024/06
Ankara, TURKEY
Orion BT Bilişim Hizmetleri, Full-stack Developer & Java Developer
VODAFONE project (01/2023 - 06/2024)

- Bug fixes, new features created on the frontend and backend, new improvements made on existing features
- Working in Microservices projects
- Upgrading Spring boot version to 3 from 2, Java version to Java 17 from Java 11 in some microservices
- Creating common general library and common authorization library to use for all of java Microservices.
- Using Feign Client for inter-microservice communication.
- Usage of Junit and Mockita for Unit Test Coverage.

Tools & Technologies: Java 11-17, Microservices, Spring Boot, Angular Js, JPA, Hibernate, Apache Kafka, Mongo DB Docker, HTML, CSS, Git, Jira, Jenkins, Kubernetes, Lens

Private project for the MINISTRY OF INTERIOR (04/2022 - 01/2023)

- Building over Authorization in frontend and backend for users.
- Working in Microservices projects
- Bug fixes, new features created on the frontend and backend, new improvements made on existing features
- Creating microservice by using Spring boot, Redis Graph.
- Creating microservice by using Spring boot, Kafka to push data to Kafka Topic from Data Base periodically.
- Changing main module template in Frontend
- Using Trigger and Procedure as function on Plpgsql for java listener service to listen trigger action.

Tools & Technologies: Microservices, Java 8-11, Spring Boot, React Js, Spring Data, JPA, Hibernate, Apache Kafka, Liquibase, Redis Graph., PostgreSQL, Rancher, Docker, Kubernetes, React Js, Context-API, Tailwind, HTML, CSS, Git, Redmine, Linux, Jenkins

2021/08 – 2022/02
ANKARA, TURKEY
Obss - Open Business Software Solutions, Full Stack Developer & Java Developer

- Working at ASELSAN project for OBSS
- Working in Microservices projects
- Bug fixes, new features created on the frontend and backend, new improvements made on existing features
- Drawing operations were carried out on the map by communicating with 3rd party services.
- Using Git as version control system
- Using TFS and Jira to follow tasks

Tools & Technologies: Microservices, Java 11, Maven, Spring boot, React JS, JPA, Hibernate, Mobx, Docker, Kubernetes, Flayway, Javascript, Hibernate / ORM, Git, PostgreSQL, Apache Kafka HTML, CSS,

2020/11 – 2021/06
ANKARA, TURKEY
Via Computer Systems, Full stack Developer & Java Developer

- An order management system is made for the pharmaceutical warehouse.
- I have created Authentication and Authorization in frontend and backend.
- Member registration, entry and exit procedures have been created.
- A free theme is determined to be used within the project and is fragmented and placed within the project.

- Export, Campaign Drug, Packaging and some part of Accounting and Logistics modules were made and built.

Tools & Technologies: Java 8, Maven, Spring boot, React JS, Redux, JPA, Hibernate, Git, Html, Css, Bootstrap 4, PostgreSQL 12.5,

2019/12 – 2020/07
ANKARA, TURKEY

ERC Grup Mühendislik, Danışmanlık ve ARGE Hizmetleri, Java Developer

- Adding new screens to the modules, adding new features to certain screens.
- Bug fixes, new features created on the frontend and backend, new improvements made on existing features
- integration, design and using of Jasper report
- Building R&D project about web push notification

Tools & Technologies: Java, Spring, Spring boot, Jdbc, Hibernate/ORM, Swing, Maven, Mercurial (TortoiseHg), Oracle, DB2, Python, iReport. React js, Node js,

2016/08 – 2016/09
ANKARA, TURKEY

Tesla Otomasyon Mühendislik, Engineering- Intern

- A job tracking system, including the membership system, where the contents of the work done and to be done are explained, has been made.

Tools & Technologies: Java, Spring Boot, Hibernate/ORM, Thymeleaf, Bootstrap 3, Html5, Css3, Mysql.

2016/07 – 2016/08
ANKARA, TURKEY

Havelsan Teknoloji Radar, R&D Engineering- Intern

- Presentation and management of the coordinates received over the security camera network on Google map. **Tools & Technologies:** Php, PostgreSQL ve Google Map Api teknolojisi.
- The process of collecting data from sensors via snmp with Java, Swing and presenting this data on a graph was done. **Tools & Technologies:** JavaSE, Swing, PostgreSQL, JFreeChart

FOREIGN LANGUAGE

ENGLISH

Reading: C1 Writing: B2 Speaking: B1 Listening: B1

PERSONAL PROJECTS

Library Application

Tools & Technologies : Spring Boot, Security, JWT, JPA-Hibernate, Angular 8, PostgreSQL 9, Bootstrap 4.

Source Codes : <https://github.com/celalaygar/Library-Application>

Building Management System

Tools ,& Technologies: React, Redux Spring Boot, Security, JWT, PostgreSQL, Bootstrap 4, Html Css.

Source Codes: <https://github.com/celalaygar/building-management>

An Educational App for Mentally Handicapped Children

Graduation thesis: An educational application has been made for mentally retarded children.

Tools & Technologies : Android Studio, JavaSE, Sqlite ve Libgdx kütüphanesi.

Real Estate Web Automation Project

Tools & Technologies : Php, Codeigniter, Bootstrap, Html5, Css3 ve Mysql.

Source Codes : <https://github.com/celalaygar/estate-agent-project-with-php>

Security, Ethik Hacker Tools, Sample security and ethical hacker tools were written with Python.

Mac changer, Network Scanner, Man in the middle attack and Packet Listener, Keylogger, Back door.

Tools & Technologies : Python (Scapy, Optparse, Subprocess, Pynput, Smtplib, Threading)

Source Codes : <https://github.com/celalaygar/Hacking-Tools-with-Python>

Counting Vehicles on the Road Project

Tools & Technologies : Python, Opencv, Numpy

Source Codes : <https://github.com/celalaygar/car-counting-with-python>

CERTIFICATES

2016/01 – 2016/06

Database Design and Programming with SQL (ORACLE ACADEMY)

- Üniversite: 1.2016 - 06.2016
- Link : https://www.slideshare.net/slideshow/embed_code/key/IErY9e0UnuYCs1

AREAS OF INTEREST

Playstation, Chess, Fantasy and War movies, Writing code, Following technology channels, watching English videos