İBRAHİM HULUSİ OFLAZ

Software Developer

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SUMMARY

I have been working in Software Development on various projects for about 5 years. Learning and utilizing innovative technologies always excite me. While progressing towards my goals, I value not only asking "How does it work?" but also asking "How can it work more efficiently?".

PROJECTS

E-Commerce Infrastructure

I performed tests and installations for the E-Commerce Infrastructure project.

- Drupal
- Lando
- Vagrant
- Docker
- Nginx
- PHP
- MySQL

Advanced Order Management System

As a Fullstack developer, I developed an Advanced Order Management System with an Admin Dashboard that can automatically generate orders and manage orders and customers.

- ReactJS
- NextJS
- Material-UI
- ExpressJS
- BullJS
- Prisma ORM
- Winston
- ABAC
- IIS
- GoogleAPI

Visitor Tracking Form - CRM

I developed a module with CRM integration for the Cloud-Based ERP project.

- Python
- Odoo
- PostgreSQL
- Docker

ThinkTank

Our team of 5 people developed an open-source mobile application during an AppJam event, which can be used for educational purposes.

- Flutter
- Dart
- Firebase

Adv. Commission Calc for E-Commerce

I developed a module by conducting a competitor analysis for an E-Commerce Marketplace project.

- JavaScript
- JQuery
- Chart.JS
- Select2Menu
- Bootstrap5

WEB DEVELOPMENT SHOWCASE

- **endulustravel.com**
- **erginsoyinsaat.com**
- **sewengrup.com**
- **mypolimer.com.tr**
- **admin.opca.com**
- **admin.sara.com**
- **compusintifada.org**

EXPERIENCE

Frontend Developer - Hizmet Teknik | 06.2021 - 07.2022

During my role as a Frontend Developer in the E-Commerce Infrastructure project developed using Drupal, I had the opportunity to work with various technologies based on the company's needs.

- HTML, CSS, JavaScript
- MySQL
- Docker
- Bash Script

FullStack Developer - EtrSoft | 06.2023 - 10.2023

Developed an automated web application with an Admin Panel for managing e-signature orders, facilitating dealer partnerships, and overseeing dealer-user relationships and transactions as a FullStack Developer.

- ExpressJS
- ReactJS
- NodeJS

AI Researcher & Mobile Developer – TÜBİTAK 2209-B Project | 01.2024 – 06.2025

Developed a mobile AI-powered system to detect parasitic diseases (Neosporosis, Echinococcosis, Coenurosis) from canine fecal images using smartphone microscopy and CNN-based deep learning. Field-tested with DIPLE lenses in veterinary environments.

- Python, TensorFlow, PyTorch
- OpenCV, Mobile Image Processing
- DIPLE Micro Optics Lenses
- Data Collection & CNN Training Pipeline

Python Developer & System Admin - Hajans Yazılım ve Arge | 07.2022 - 04.2023

I worked as both an ERP System Administrator and Python Developer in a cloud-based ERP project. In this role, I performed developments and installations based on the company's requirements and needs.

- Python
- Docker
- PostgreSQL
- XML

Frontend Developer - Coware | 07.2023 - 11.2023

I developed the frontend of an admin panel to be used for managing earthquake warning devices.

- HTML
- CSS
- JQuery
- Bootstrap

Embedded Wireless Systems Engineer – TEKNOFEST Wireless Comm. | 02.2024 – Current

Co-developed a resilient long-range communication system (Safe-Range) designed for disaster zones and military use, integrating LoRa SX1280 modules with frequency-hopping algorithms and AES-encrypted messaging. Implemented anti-jamming detection via SDR (HackRF One) and mobile BLE app for user interface.

- ESP32, LoRa SX1280, BLE, HackRF One
- Frequency Hopping, AES-128 Encryption
- Embedded C, Python, Spectrum Analysis

EDUCATION

08.2023 - 06.2026
Fırat University
- Software Engineering (Turkish)

LANGUAGES

- English (B1)
- Turkish (Native)