

## Profile

Passionate software developer. Successfully built and deployed multiple applications. Experienced in various fields. Started coding in his childhood. Obsessed with solving problems, perfectionist. Also a music enthusiast.

## Publications

### Functional Programming, The Hard Way

May 2023

A introduction to the paradigm of functional programming for Python programmers.

## Personal Projects

### foss505, *The Loop Station*

A musical live looper software using JACK, created for Linux. Fully written in Python.

### rpaste, *A paste service*

A tiny paste service written in Flask and without a CSS library.

### rdmachine, *reo's drum machine*

A simple digital drum machine written in Rust and GTK.

### Gaming Steering Wheel,

#### *A physical gaming wheel.*


A physical gaming steering wheel built with Arduino. The Python script creates a virtual gaming wheel on Linux.



### Urba, *An accounting application for a clothing business.*




Successfully built and deployed a fully featured accounting application built for a local clothing business, built with Django.

R. Emre Osmanoğlu

Software Developer

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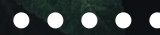
 He/Him  www.reoco.de

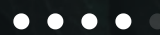
## Skills

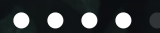
Python 

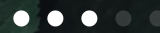
Django 

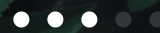
HTML & CSS 

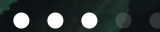
JavaScript 

Linux 

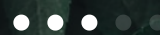
React 

NextJS 

Rust 


PHP 

Haskell 

C 

## Languages

English 

Turkish 

## Interests

### Music

*Built software tools for his passion about live looping.*

### **ALES, A studying website.**

A studying application built for Turkish university exams. Written in Django.

### **Mechanica,**

#### *A mechanical keyboard sound simulator.*

A virtual sound engine to get the sound of a mechanical keyboard with laptop keyboard, a CLI application written in Python.

### **Vertical Podcast, Backend of the Vertical Community Website.**

The back-end Django application of the Vertical Podcast community at Izmir.

### **Tubitak 4006, A smart hat project.**

A smart hat project for the local Tubitak 4006 event, built with Arduino.

### **Google Translate Unofficial, Translation app for Linux**

A translation application for Linux, built with Python and GTK.

### **Surveys, Online Polling Application.**

An online polling application to create public polls with a score system, built with Django.

### **Arduino Drumset, A physical drumset.**

A physical drumkit built with Arduino and a Python script.

## **Professional Experience**

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### **Emreyn Yazılım Ltd, Software Developer**

Dec 2023 – present | Ankara, Turkey

Building various (mainly web) projects with Django.

