

Profile

I'm a passionate software developer with a deep-rooted love for programming that began in my childhood. Over the past 2 years of professional experience, and with 6-7 years of general experience, I have built hundreds of personal and business projects. My journey in programming started at a young age, and from the very first day, I was captivated by the limitless possibilities it offered.

For me, programming isn't just a job; it's a lifelong hobby. In my free time, I casually solve problems for fun, continuously challenging myself and honing my skills. This passion seamlessly translates into my professional life, where I view work as an extension of my personal interests. The problems I encounter at work are opportunities that save me the hassle of searching for new challenges. Occasionally, when I'm in dire need of a problem to solve, I even create my own.

My approach to work is driven by curiosity and a genuine love for solving complex problems. Each project, whether personal or professional, is a chance to learn and grow. This mindset keeps me motivated and excited about every new challenge that comes my way.

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.

Telegram Bookmark, Browser extension to save bookmarks on Telegram

A firefox extension to quickly save bookmarks.

rsxn,

A Minecraft Server Launcher written in Rust

Basic Minecraft server launcher written in Rust and egui.

R. Emre Osmanoğlu

Software Developer

emre@reoco.de reo6

Ankara, Turkey reo006

@reo006 www.reoco.de

LinkedIn 06 May 2006 He/Him

CodeWars

Skills

Python

Django

HTML & CSS

JavaScript

Linux

React

NextJS

Rust

PHP

Haskell

C

Java

Android

AmbientEase, *A simple and minimalist ambient noise generator.* [↗](#)

CubeBase, *A simple all-in-one speed-cubing application written in C.* [↗](#)

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.

rdmachine, *reo's drum machine* [↗](#)
A simple digital drum machine written in Rust and GTK.

rpaste, *A paste service* [↗](#)
A tiny paste service written in Flask and without a CSS library.

dotfiles, *Configuration files and scripts of my workspace.* [↗](#)

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.

Languages

English

Turkish

German

Interests

- Music

Professional Projects

İşyerim Cepte, *Accounting and Stock Tracking Platform* [↗](#)

At Emreyn Yazilim Ltd.

An accounting and stock tracking platform for businesses.

Jetem, *Order Tracking for carpet cleaner businesses*

At Emreyn Yazilim Ltd.

The only platform a carpet cleaner business would need, with features like SMSs, Live Map support, ECS/POS Device support, CallerID and much more.

I have worked on 20+ more "small" projects in freelance.

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.

