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 *⊘*

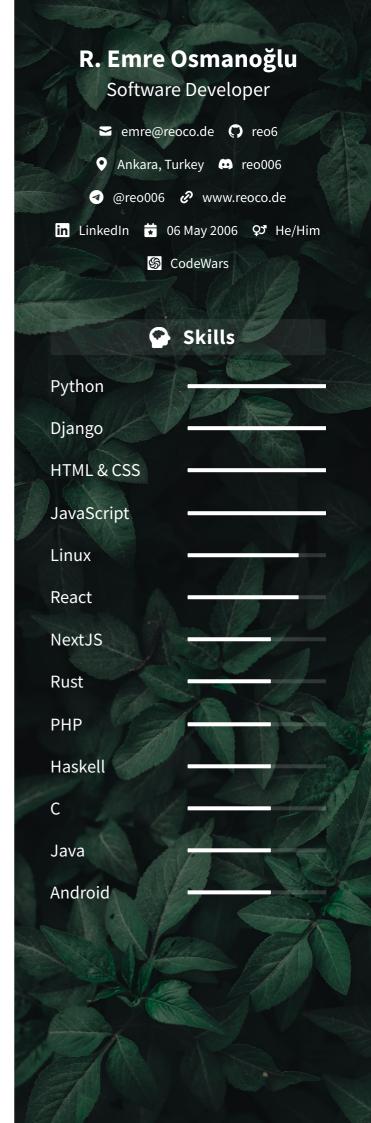
A musical live looper software using JACK, created for Linux. Fully written in Python.

Telegram Bookmarker, 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.



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.



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.

