R. Emre Osmanoğlu
Software Developer

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in LinkedIn   📅 May 6th, 2006

 CodeWars

👤 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.
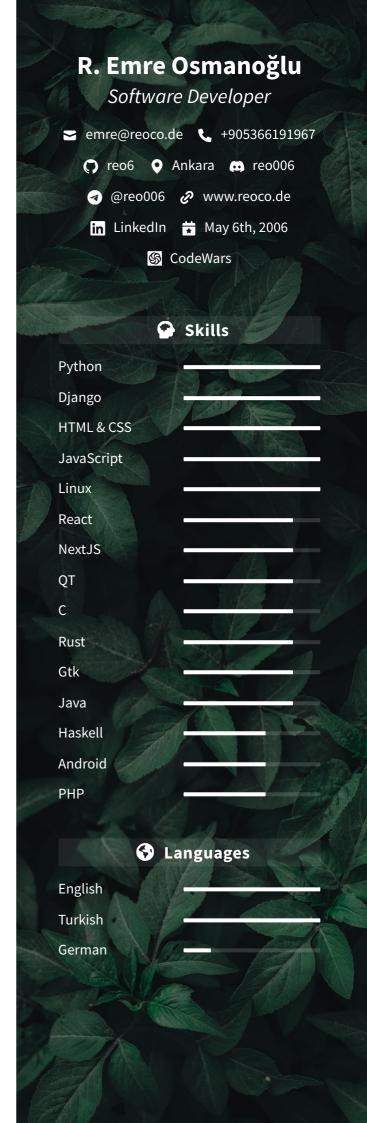
Telegram Bookmarker,
Browser extension to save bookmarks on Telegram
A firefox extension to quickly save bookmarks.

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.* ⧉

🧠 Skills

Python

Django

HTML & CSS

JavaScript

Linux

React

NextJS

QT

C

Rust

Gtk

Java

Haskell

Android

PHP

🌐 Languages

English

Turkish

German

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.

💼 Professional Experience

Co-Founder, Full-Stack Developer, System Admin,
Emreyn Yazilim Ltd
2023 – present | Part Time, Remote
As a part-time full-stack web developer and system administrator, I led a small team to achieve significant milestones. My responsibilities included managing multiple servers, building and deploying over 20 applications, maintaining large-scale systems, and delivering websites on a monthly basis. I also spearheaded the development and successful delivery of two major applications.

🎸 Interests

Music ☐ — I've been making music since the age of 14. Started out with a cheap midi keyboard, did a lot of sound synthesizing and live looping since then. It's a great hobby. I've used free software like Ardour and Carla. But I mainly use proprietary for live looping. One of my software projects aim to solve this.

💼 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 bussinesses*
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've worked on a lot more projects at Emreyn Yazilim, check out the website ☐