

AYSEL KARADAYI

Junior Software Developer

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SUMMARY

I have a passion for learning and a keen interest in technology and science. I am organized, detail-oriented, and dedicated to continuous improvement. My experience in education has equipped me with strong problem-solving skills, effective communication and the ability to work well both independently and in teams.

PROJECTS

Game Dev Journey

12/2024 Sofia, Bulgaria <https://github.com/aysieelf/Game-Dev-Journey>
A systematic approach to game development fundamentals through recreating 8 classic games with creative twists, focusing on tech stack, architecture, project management, creative elements.

Completed games:

- Tic-Tac-Toe: Pygame
- Snake: Pygame
- Sleepy Fox (Pong variation): Pygame

Match Score System

12/2024 Sofia, Bulgaria
https://github.com/Alpha63-Match-Score/Match_Score
Built a sports tournament management system with player profiles, score tracking and support for both league and knockout formats. Our project won first place!

- Database: PostgreSQL
- Backend: Python, FastAPI, SQLAlchemy
- Frontend: HTML, CSS, Vue.js
- Authentication & Authorization: JWT

Forum System API

11/2024 Sofia, Bulgaria
https://github.com/A63-Forum-System-API/Forum_System_API
Built a forum system featuring user authentication, profile management and topic creation with private messaging functionality.

- Database: MariaDB
- Backend: Python, FastAPI
- Frontend: HTML, CSS, Jinja2
- Authentication & Authorization: JWT

EXPERIENCE

Elementary School Teacher

Hristo Botev Primary School No 202 09/2019 - 04/2024
Pasarel, Bulgaria

- Successfully finished the "Teach For Bulgaria" program in 2021
- Worked as a sound engineer for the school
- Mentored new teachers from 2022-2024
- Participated in the Design Champion program - Red Paper Plane

Sound Engineer

Bulgaria ON AIR Channel 07/2018 - 12/2018 Sofia, Bulgaria

- Collaborated with 2 major news channels
- Dubbed shows from English to Bulgarian weekly

EDUCATION

Alpha Python Track

Teleric Academy
07/2024 - 12/2024 Sofia, Bulgaria

Master's in Education

Paisii Hilendarski University
09/2019 - 06/2021 Plovdiv, Bulgaria

Bachelor's in Audio Engineering

New Bulgarian University
09/2014 - 06/2018 Sofia, Bulgaria

TECHNOLOGIES

Frontend

HTML

CSS

Jinja2

Vue.js

Backend

Python

FastAPI

MySQL

SQLAlchemy

MariaDB

PostgreSQL

Game Development

Pygame

Pixel Art

Aseprite

LANGUAGES

Bulgarian

Native ●●●●●

English

Proficient ●●●●●

Turkish

Conversational ●●●●●

STRENGTHS

💡 Creativity

Adding distinctive touches to transform standard projects

🧠 Critical thinking

Research-driven approach to technical decisions

🔧 Attention to detail

A keen eye that won't rest until perfection

⚙️ Problem-solving

Daily algorithmic practice and deliberate improvement