






Ovidiu Cotei

Unity Developer

ovidiucotei1996@gmail.com 

+971 547479014 

Al Manara, DUBAI UAE 

linkedin.com/in/ovidiu-cotei-1b27a1128/ 

ovykode.weebly.com/ 

Experienced unity developer with a strong background in software development and full-stack web development. Proficient in creating immersive 3D and 2D games using Unity, alongside expertise in front-end and back-end. Strong problem-solver and collaborative team member.

Work Experience

Unity Developer & Full Stack Web Developer

TECH SQUAD ENGINEERING

Aug 2022 - Nov 2023

Cluj-Napoca, ROU

- 3D product visualization player implementation using Web GL.
- Shader implementation in Web GL for rendering materials on 3D objects.
- Implementation of functionalities on the project using the React JS framework and other external libraries.
- Scraping different websites from different 3D model makers for interior design using the Python programming language.
- Processing and inserting scraped data using Python into the database.
- Processing of 3D models using Blender to be used by the player for viewing 3D objects.
- Collaboration with colleagues, offering them training on the implementations of the 3D rendering part.
- I manage and offer training to new junior colleagues, explaining the project to them, helping them understand the development environment.

- Development and structuring of database using MySQL language by creating migrations, controllers, models in Laravel.
- Frontend and backend development for web applications and admin pages with API calls using AJAX, HTML, CSS, JAVASCRIPT, jQuery.
- Development of Web GL applications using the Unity framework, the Web GL application communicating with the web application.

Unity Game Developer

TRACTOR SET GO S.R.L

Jun 2020 - Sept 2020

Cluj-Napoca, ROU

- Implementation of video games for mobile, android platform.
- Develop of a mini game called Asteroid, using the Unity framework and the C# programming language.
- Develop of a mini game called Sokoban, using the Unity framework and the C# programming language.

Unity Developer & Full Stack Web Developer

EXTEND STUDIO

Jan 2021 - Jul 2022

Bucharest, ROU

- Implementation of VR applications in Unity, web applications, API, WebGL
- VR application development using the Unity framework and C# programming language.
- Integration of libraries in the development of VR applications such as: Oculus
- Integration for Oculus Quest 1/2, Steam VR for HTC Vive, Unity XR
- API development using the Laravel framework with the help of the PHP language.

Full Stack Web Developer

REEA S.R.L

Mar 2020 - Jun 2020

Alba Iulia, ROU

- Development of web applications, frontend and backend using the React JS framework.
- Web application development with the role of implementing a digital signature system for various companies or government institutions.

Student practice

REEA S.R.L

May 2018 - Jul 2018

Alba Iulia, ROU

- Internship during the faculty in which I developed together with other colleagues from the faculty within the company, a web application for the management of a school.

Education

Master`s degree in Computer Science

1 December 1918 University

2019 - 2021

Alba Iulia, ROU

Degree in Computer Science

1 December 1918 University

2016 - 2019

Alba Iulia, ROU

Languages

English

Romanian (Native)

Interests

 Video Games  Sports  Develop

Mobile App

Technical Skills

Unity, C#, Unity VR

React JS - Native, Laravel

JavaScript, PHP, HTML, CSS, Unity Web GL, MySQL

Blender

Python

Projects

Little Farmer

Link to a short presentation: youtube.com/?v=Veliycyg9Iw

Last Survival

Link to a short presentation: youtube.com/?v=pW9HNb90PI8

Supernatural

Link to a short presentation:

Part 1: youtube.com/?v=DpeidAQbVQ4

Part 2: youtube.com/?v=Diq6TXSPTbE

Part 3: youtube.com/?v=7uKEtdou2ZU&t=0s

VR Furniture Prototype

(Developed for Extend Studio S.R.L)

Link to a short presentation:

sidequestvr.com/app/9227/vr-furniture-prototype

Fruity Merge

(Google Play Published)

Link to a short presentation:

play.google.com/store/apps/details?id=com.OvyKode.FruityMerge&pli=1

Publications

AR – Restaurant Application

Mobile application developed with AR technology whose documentation was published with the help IN-EXTENSO, NR 6/2019, ISSN 2360-0675 Alba Iulia, 2019.

Supernatural (3D Game developed in Unity)

Game developed with Unity 3D whose documentation was published with the help IN-EXTENSO, NR 6/2019, ISSN 2360-0675 Alba Iulia, 2019.

IT Competitions

Student Computer Science Session

3rd place at the IN-EXTENSO Computer Science Session, Alba Iulia, for developing a game in Unity.