



VENELIN VASILEV

Full-Stack (Angular & ASP.NET Core) |
Unity 3D Developer



Pleven, 5800 Bulgaria



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SKILLS

LANGUAGES SKILLS

Bulgarian (Native)

English

DEV SKILLS

Unity 3D | C#

ASP.Net Core | C#12 | .Net 8

JavaScript ES6+

Rest API

AWS S3

UniRx | RX.Net | Rx.JS

MySQL

WebGL

TypeScript

Angular

MongoDB

Redis

Entity Framework Core

Vue

Microservices - Docker

PROFILE

At my current position, I work extensively with Angular and ASP.NET Core, developing modern, dynamic web applications. With over 8 years of developer experience, I have a strong background in 3D software development, coupled with backend expertise in ASP.NET Core. Throughout my career, I've also expanded into frontend development with Angular and Vue, successfully delivering projects that solve complex real-world problems. I bring a combination of technical proficiency, leadership skills, and a commitment to continuous learning.

WORK EXPERIENCE

Full Stack Developer

3.2024-

Kalica Design Ltd, Bulgaria, Remote

Worked on Angular applications with ASP.Net Core WebAPI

- Implemented AG Grid and ECharts for data visualization
- Effective API consumption
- Vertical and Clean Architecture, CQRS

Tech stack: Angular | Bootstrap | Rx.JS | ASP.NET Core Web API | Entity Framework Core | Redis

Senior Unity 3D Developer, Vispa

10.2022-3.2024

Vispa.io, Germany, Remote

Worked on Virtual Workshops and Teambuilding WebGL app

- Achieved Performance Optimizations
- Developed JS API allowing use of AWS S3 SDK for WebGL with Unity 3D
- Developed await-able JSLIB functions calls extension
- Created Custom Build window, managing CDN setup with AWS
- Collaborated with the Design team to ensure the app meets the desired specifications
- Developed new features
- Delivered WebGL browser FS, Emscripten/OpenGL GL.textures - loading/saving in IndexedDB

Tech stack: Angular | ASP.Net Core WebAPI | Unity 3D C# | UniRx | AWS S3

INTERPERSONAL SKILLS

- Responsible
- Team Player
- Analytical skills
- Self-Motivated
- Effective time-management

MANAGED PEOPLE

Yes (5)

INDUSTRIES

AEC
BIM
Business optimizations
GPS Tracking

LINKS

Portfolio:

<https://venellinus1.github.io/vv-portfolio/>

Github

<https://github.com/venellinus1>

LinkedIn

<https://www.linkedin.com/in/venellinus-vasilev-10065120/>

Past products:

<https://makingspaces.com>

<https://vcreate.de>

<https://vispa.io>

Team Lead

12.2019-10.2022

Next It Services Ltd, Bulgaria, Remote

Company in the AEC | BIM industries. Managed two teams.

Started and Worked on three projects/products:

- vCreate - 3D configurator for Office buildings
- vCreate System - general 3D configurator
- WebGL Virtual Fair

Key achievements:

- Led and delivered a WebGL VR solution for conducting Virtual Fairs
- Led and delivered a new product for Revit-Unity exchange of 3D data, which was World-first at the time
- Worked on development of new features for the WebGL Configurator:
 - Cost calculations
 - Configuration summary with Architectural details
 - Architectural drawings export in PDF
 - HVAC systems
 - Expanded the Configurator placement logic to work for Multi-store Office towers
- Participated in Teams planning, daily standups

Tech stack: Unity 3D C# | VR | ASP.Net Core | MySQL | Javascript | Vue.JS

Unity 3D Developer

1.2016-6.2019

MakingSpaces AG, Switzerland, Remote

Company in the AEC industry. Worked on 3D Architectural configurators

- Developed Unity 3D configurators - residential buildings in Bottmingen, Münchenstein, Spitzacker
- Developed Backend API with PHP and MySQL
- Migrated Backend from PHP to Node.js Rest Endpoints
- Developed Vue.JS FrontEnd with two way communication between Unity 3D and Vue.JS
- Developed PDFs creation at runtime, based on 3D

Tech stack: Unity 3D C# | Node.js | Vue.JS | PHP | MySQL | JavaScript

REFERENCES

Sebastian Göbel

CEO @ VISPA

sebastian@vispa.io

Veselin Veselinov

ex-CEO @ Next It Services

LinkedIn:

<https://bg.linkedin.com/in/veselinov>

Johannes Feld

CEO @ MakingSpaces AG

feld@makingspaces.com

EDUCATION

Masters - MicroElectronics

Technical University of

Varna, Bulgaria

CERTIFICATES

MongoDB C# Developer path

<https://learn.mongodb.com/c/wx5IWEQwTAyHwumHvIhbHg>

Redis for .Net Developers

<https://university.redis.com/certificates/0456a4789f2847ba9e6dbdede63c7ad4>

Redis for JavaScript Developers

<https://university.redis.com/certificates/60d46081301a44b180c9a2f1ff18000b>

Generative Adversarial Networks Specialization

<https://www.coursera.org/account/accomplishments/specialization/certificate/QQNWR77UE85L>

Deep Learning Specialization

<https://www.coursera.org/account/accomplishments/specialization/certificate/P3Y3FZYNHYQU>