

MOCANU VLAD-GEORGE

+40732356562

vlad.mocanu13@gmail.com

<https://portfolio-23e96.web.app/>

<https://github.com/MockingYou>

<https://www.linkedin.com/in/vlad-george-m-b83a5616b/>

TECHNICAL SKILLS & LANGUAGES

Programming Languages: JavaScript, TypeScript, Java, Kotlin, HTML/CSS, NoSQL(MongoDB), SQL(MS SQL, MySQL), C++

Frameworks: React, Vue.js, AngularJs, Node.js, Express

Developer Tools: Git, Firebase, Podman, Android Studio, Unreal Engine 5

Languages: Romanian, English

WORK EXPERIENCE

K-BUSINESSCOM ROMANIA, BUCHAREST

Software Developer • March 2022- Present

- Contributed to a Full Stack web project focused on developing robust employee management systems tailored for large organizations with over 1000 employees.
 - Used JavaScript and Angular.js for frontend development.
 - Employed Node.js, Express, and MS SQL on the backend for efficient data handling.
 - Additionally, translated the Angular.js template to React for new iterations of the project.
- Developed and maintained a customized solution for managing transport logistics in and out of a factory.
 - The system includes a barrier, truck scale, and an Automatic License Plate Recognition camera.
 - Implemented Node.js for efficient scale and camera management, receipt printing, and seamless data import/export between MongoDB and the client's MS SQL database.
 - The server operates on Kubernetes, managed with Podman, and the web interface was constructed using Vue.js.
- Engineered an application that encompasses the functionalities of QR code validation, payment processing, and receipt printing.
 - Overcame integration challenges by successfully connecting three interconnected devices: Worldline Valina for payment handling, Telpo T20 for ticket validation, and a custom printer.

SC COMPUTER GENERATED SOLUTIONS, BUCHAREST

Technical Support Operator • July 2019 - October 2020

- Communicating professionally with customers through calls regarding their issues with certain services and delivering technical/industry information in a manner appropriate to the audience
- Provide prompt and courteous technical support to customers via phone, email, or chat.
- Identify and analyze technical issues reported by customers to determine root causes.

PROJECTS

CHAT APP

REACT, EXPRESS, Socket.io, HTML/CSS

A web chat app made with react and express that handles text communication and image sharing using socket.io.

WEATHER WEBSITE

REACT, EXPRESS, HTML/CSS

Weather page that shows the forecast for a certain location. It was created using data from mapbox.com and openweathermap.org.

TOP DOWN SURVIVAL SHOOTER

UNREAL ENGINE 4

A top down survival game with endless waves of enemies, health pickups, enemy death tracker, made using Unreal Engine 4.

PLAYLIST CONVERTER

TYPESCRIPT, REACT, EXPRESS, HTML/CSS

Developed a program leveraging the Spotify and Google Web APIs to facilitate playlist conversion between Spotify and YouTube. The program handles searching for songs, creating playlists, and adding songs to the playlist in both directions.

EDUCATION

University POLITEHNICA of Bucharest

Electrical, Electronics and Communications Engineering • 2017–2021

TRAIAN HIGH SCHOOL, CONSTANȚA

Mathematics - Informatics • 2011–2015

CERTIFICATIONS

BACK END DEVELOPMENT AND APIS

<https://www.freecodecamp.org/certification/mockinu/back-end-development-and-apis>

JAVASCRIPT ALGORITHMS AND DATA STRUCTURES

<https://www.freecodecamp.org/certification/mockinu/javascript-algorithms-and-data-structures>

RESPONSIVE WEB DESIGN

<https://www.freecodecamp.org/certification/mockinu/responsive>

FRONT END DEVELOPMENT LIBRARIES

<https://www.freecodecamp.org/certification/mockinu/front-end-development-libraries>