



Rares-Andrei Mihalache

Software Engineer

✉ raresmihalache100@yahoo.com

☎ +40736480308

📍 Bucharest

🐙 raresmihalache777

🌐 Rares Mihalache

SKILLS

OOP - Python, Java, C++

Web Development - Flask, React.js

Git

REST APIs

Networks

Linux

SQL

Windows Development - Tkinter, OpenCv

PROFESSIONAL EXPERIENCE

M30 Software Solutions

07/2023 – present | Bucharest, Romania

Freelancer - Web Developer

- Led projects from idea to wireframe, with a focus on user-centric design.
- Crafted user stories and drove prototyping, ensuring a smooth development journey.
- Carried out the software testing process and ensured smooth production deployment.

Portfolio: [shop.awefashion.ro](#) , [roxanaisan.ro](#) , [enersab.com](#)

Remsquare

06/2022 – 06/2023 | Bucharest, Romania

Web Developer

- Worked with more than 10 national and international clients;
- Learned how to **gather requirements**, plan the development process and carry out product testing;
- Used multiple programming languages and technologies: WP, APIs, WebSockets;

Portfolio: [upcont.ro](#) , [remsquare.com](#) , [pizzamania.ro](#) ;

Procter & Gamble

04/2022 – 07/2022 | Bucharest, Romania

IIoT Engineering Internship

- Contributed to the data visualisation application **used in multiple P&G factories worldwide**;
- Developed dashboards for **key KPIs visualization**;
- Learned how to **collaborate efficiently** and use tools like Teams, Git, Jira;

EDUCATION

Politehnica University of Bucharest

10/2020 – present | Bucharest, Romania

Computer Science Degree

Faculty of Automatic Control and Computer Science

Colegiul National Sf. Sava Bucuresti

09/2016 – 06/2020 | Bucharest, Romania

High School Diploma

Mathematics and Informatics Profile

Grade: 9.90/10

PROJECTS

Desktop Watermarking Tool

2023

Python (Source code on Github)

- **Created a desktop application** using Python and Tkinter library;
- Responsive interface;
- Multi-format watermark upload;
- Custom positioning and **automated adjusting based on image size**;

Fuel Delivery Platform

06/2023

Bubble.io, JavaScript

A web-based application used by industrial clients to order large amounts of fuel.

- **Application design and development**;
- Access control based on user roles;

- Automated invoice generation through API;

Tourism Management Dashboard

10/2022 - 01/2023

React.js, Node.js, MySql

- Full stack application for managing the available tours in a tourism agency;
- I've created the interface and the back-end services and then connected them to a MySQL database through REST APIs.

Smart Lock Interface

2023

React.js and Web-sockets (Source code on Github)

- **Real time interaction** with a Raspberry Pi device using web-sockets;
- Remote control interface for the "smart lock";
- **Live video feed**, real-time commands, instant device feedback;

LANGUAGES

English
C2



Romanian
Native

