

Antonio Marasescu-Duran

Programmer

I am passionate developer with experience in a variety of technologies. Throughout my work I aspire to meet like-minded and fascinating people



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SOFT SKILLS

Agile Scrum

Teamwork

Creativity

Decision Making

Time management

WORK EXPERIENCE

Associate IT Consultant

MSG Systems

09/2019 - Present

Cluj-Napoca

Achievements/Tasks

- **B3i Eurapco** - Worked as a **full-stack** developer, but my main focus was the frontend development. **I have lead the development** on the UI, **contributed to its architecture** and worked on the process orchestration of several features.
- **B3i Codex1** - I worked as a **full-stack** developer, working at all levels of application, but a clear focus was on the backend and on the **Corda Blockchain** Contracts development.
- **Dipko** - My duties were one of a **full-stack** developer, developing both the **GraphQL API** and working on the modular Angular-based frontend which uses **Redux**. I have implemented e2e tests using Cypress and worked on several database migrations for the production environment.

Intern on .NET, SQL Server, SSRS

Yardi Systems

10/2018 - 02/2019

Cluj Napoca, Romania

Achievements/Tasks

- Implemented new features for the Matrix Map API
- Worked on improving performance of several SQL Scripts
- Developed and modified a number of SSRS reports
- Leveraged knowledge in SQL, JavaScript, Web Development and Agile Scrum

EDUCATION

Master In Information Technology in Economics

Technical University of Cluj Napoca

09/2020 - Present

Cluj Napoca, Romania

Courses

- Information Technology in Economics

Bachelor In Computer Science

Technical University of Cluj Napoca

09/2016 - 07/2020

Cluj Napoca, Romania

Department

- Computer Science

TECHNICAL SKILLS

Programming Languages

Typescript, Javascript, Kotlin, Java, C/C++, Solidity, Python

Frameworks

NestJS, ExpressJS, Apollo Server, Angular, React, Spring, Django

TECHNICAL SKILLS

Technologies

Docker, Corda, Ethereum, RabbitMQ, MQTT, GraphQL, Redux, Zero Proof Knowledge (Zokrates)

Database Management

MSSQL, MySQL, MongoDB, PostgreSQL

Programming Techniques

Data Structures and Algorithms, Design Patterns, Functional Programming, OOP

PERSONAL PROJECTS

Decentralized Privatized Supply Chain (11/2020 - Present)

- A complex project working with Zero Proof Knowledge in order to hide information regarding IoT tracked package inside a Supply Chain
- **Technologies Used:** Angular, **NestJS**, **MongoDB**, **Zero Proof Knowledge (Zokrates)**, Solidity, **MQTT**, **GRPC**, Docker, Ethereum Blockchain, Ganache, Truffle

Edublock (01/2020 - 06/2018)

- EduBlock represents a private blockchain platform intended for the sharing of educational records between universities. It was created to serve as my bachelor thesis degree and is a complex application which handles the interaction between multiple parties in a handmade blockchain.
- **Technologies Used:** Angular, **Redux**, **ExpressJS**, TypeORM, Docker, Gulp, **RabbitMQ**

Decentralized Voting System (09/2020 - 10/2020)

- This project presents an idea for a decentralized voting system made using the Ethereum blockchain as the backbone to store information regarding the voting process.
- **Technologies Used:** **React**, React Hooks, Solidity, Ganache, Truffle, **Ethereum Blockchain**, Docker, React Material.


Ethereum CV Sharepoint (10/2020 - 11/2020)


- A decentralized application which represent a sharepoint for saving and sharing files addresses onto the blockchain. Moreover, it allows for the download of said files using the InterPlanetary File System.
- **Technologies Used:** Angular, **IPFS**, **Solidity**, Ganache, Truffle, Ethereum Blockchain, Docker


ESUApp, Xamarin Forms Team Project using Google Spreadsheet and Drive API in C# (05/2018 - 07/2018)


- Used in the Engineering Summer University Event by volunteers and participants alike for schedule management, posting and notifications regarding the event


INTERESTS


 Travelling

 Reading

 Strategic Games

 D&D Roleplaying

 Tech Hobbies

 Meditation