

ALEXANDRU-DANIEL IFRIMENCO

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EXPERIENCE

Full Stack Developer

delaware

April 2022 – May 2022

Ghent, East Flanders, Belgium

.NET Developer

Essensys Software

October 2020 – January 2022

Bucharest, Romania

- Contributed to the World Health Organization COVID-19 Vaccine Distribution Platform (WHO ACT) which has helped the organization deliver over 1 billion COVID-19 vaccines to the world.
- Architected and built a production deployed system for large financial sector client in Romania. The system mapped web application URLs to SEO friendly ones with the possibility of configuring certain SEO specific tags.
- Engaged in the recruiting activity

PROJECTS

MeCrypt

Bachelor's Final Thesis

- Messaging Application based on the concept of End-To-End Encryption
- Inspired by the Signal Protocol, which is used by applications like Signal and Whatsapp
- Made using the .NET Suite (.NET 5, EF Core, SQL Server) + React.JS
- Real Time Communication made possible with Signal-R
- Learned how to work with Algorithms Such as RSA, PBKDF2, SHA-256 and Advanced Encryption Standard
- Contains a Secret Sharing Component implemented using Shamir's Secret Sharing Scheme
- Learned how to Authenticate an actor using Json Web Token

Hospital Scheduling Application

Essensys Internship Final Project

- Serves as an Appointment Application for Medics and Patients
- Made using .NET Technologies + MVC
- Learned how to develop a Full Stack Application from a basic project Structure
- Learned about Software Developing Concepts such as DTOs, Dependency Injection and Domain Driven Design

ACHIEVEMENTS & CERTIFICATIONS

Bronze Medal

Romania's National Olympiad in Informatics

April 2017

Brasov, Romania

Microsoft MTA 98-361

Software Development Fundamentals

October 2021

Bucharest, Romania

EDUCATION

B. Sc. in Informatics

University of Bucharest, Faculty of Mathematics and Computer Science

Oct 2018 – Jun 2021

SKILLS

Soft Skills

Teamwork Leadership
Communication Flexibility
Abstract Thinking

Programming Technical Skills

Algorithms Data Structures
Object-Oriented Programming
Web Development Cryptography

Programming Languages & Frameworks

C# JavaScript C/C++ SQL JAVA
Python React HTML & CSS

Development Tools

Visual Studio VS Code Git
Azure DevOps

Languages

Romanian English

VOLUNTEERING

Human Resources & Fundraising Volunteer

Mathematics and Computer Science Students Association

October 2018 - Jul 2021

Workshop Tutor

CodeKids Fest 2021

December 2021

MISCELLANEOUS

Interests & Hobbies

Science Economy Environment
Photography Music