

ALEXANDRA MARINESCU

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About

As a passionate and enthusiastic software engineer, I am always looking to improve and broaden my knowledge. I am constantly learning and testing new technologies. Right now I am looking for a challenging software developer position, where I can grow and showcase my abilities.

Experience

IT Smart Systems

iOS Developer

09/2022 - 08/2023

- I was responsible for maintaining and implementing features for the Croatian banking application Hrvatska poštanska banka. Collaborated with the BA team to smoothly incorporate RESTful APIs and conducted testing using POSTMAN. Addressed numerous critical bugs and conducted code reviews for fellow colleagues. Integrated banking business logic using Backbase Framework and Backbase Experience Manager. Improved communication skills through direct customer interaction.

IT Smart Systems

iOS Developer Intern

07/2022 - 09/2022

- I Received mentoring from senior colleagues throughout the process of learning and completing various challenges by creating iOS applications, fortifying my knowledge on Autolayouts, Views, Data Collections and API integration.

Lander Sport SRL

Support IT

08/2018 - 08/2019

- I was responsible for maintaining and updating backup systems, repairing, maintaining and upgrading computers and printers, updating content on every website owned by the company, designing and deploying newsletters for clients.

Projects

[Web Scraper](#)

Technologies: NodeJS, JavaScript, Angular

This project is simple web scraping application, meant to scrape content from <https://wsa-test.vercel.app/>. The scraped data is returned in a JSON format, and can be filtered by multiple queries. The scraped data is displayed on a frontend server and can be easily copied with a button.

[Portofolio](#)

Technologies: NextJS, TypeScript, Tailwind

This project is my personal portofolio with a fully responsive desgin, animated elements and using lastest technologies.

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Projects

[Resume Builder](#)

Technologies: NodeJS, JavaScript

This project is a backend implementation for generating automated resumes based on a chosen theme and input json.

[Lotus Messenger](#)

Technologies: NodeJS, TypeScript, Tailwind, MongoDB, Socket.io, Redux

This project is simple chat application, where regular users can create accounts, login into the account, receive real time messages, media and notifications. This project is still underwork.

Education

University of Bucharest

Bucharest

Licentiate Degree Mathematics and Informatics

2019 - 2023

- [Thesis](#) - A application for Web, iOS, Android in React Native&NodeJS to easier facilitate adoption and pet care with features such as: google maps integration, live chat with adoption centers and clinics, online adoption process and vet appointments
- [Procedural Programming in Python](#) - Acquired a solid understanding of Python syntax, data types, variables, operators, control flow statements, basic input/output operations and algorithmic thinking
- [OOP Concepts](#) - Learned and used various OPP Concepts in a budget manager application, such as: Classes, Methods, Constructors, Encapsulation, Inheritance, Polymorphism, Abstraction
- [Databases](#) - Learned about relational databases, using MySQL and designed a database structure for a delivery company
- [iOS Application Development](#) - Built a task management application using SwiftUI
- [Full Stack Web Development](#) - Built an e-commerce website with NodeJS, Express for Backend, HTML, CSS and JavaScript for Frontend, SQLite for database
- [Game Development](#) - Built a 2D Platformer game in Unity and C#
- [Data Structures](#) - Learned about space and time complexity and basic data structures like Trees, Heap, Queue, Arrays, Dictionaries, etc
- [Operating Systems in Linux](#) - Learned to effectively use the Linux bash command line, automate tasks through scripting, understand Unix user permissions, processes, system calls, and file management

Skills

Skills: Swift SwiftUI React JavaScript/HTML/CSS NodeJS Tailwind

Languages

Romanian Native ●●●●●

English Proficient ●●●●●

Korean Beginner ●●●●●