

Andrei-Cristian Zaharia

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 🔗 Andrei-Cristian-Zaharia

About Me

I'm a passionate Java Software Developer with three years of professional experience, plus additional hands-on practice through self-directed learning and academic projects. I stay current with emerging technologies, maintain an enthusiastic mindset, and thrive on opportunities to learn and grow.

Knowledge

Languages: C++, C, Java, Objective-C, C#, SQL, JavaScript

Frameworks & Technologies: .NET, Maven, JWT, Spring Boot, Spring Data, Hibernate, RabbitMQ, Kafka

Tools & Platforms: Docker, CloudFoundry, Jenkins, Postman, Splunk, GitHub

Cloud & DevOps: Azure (Repositories, Pipelines, Resource Allocation, Database Management with PostgreSQL)

Databases: MongoDB, PostgreSQL

Hobbies: Travel, Technology, Fitness and Sports, Video Games

Education

- | | |
|---|----------------------|
| B.Sc. IMSA University Politehnica of Bucharest , Computer Science | Oct 2023 to present |
| <ul style="list-style-type: none"> • Student at the Faculty of Automatic Control and Computers • Acquiring knowledge and skills in information and knowledge management at the level of a company, so that it constitutes a competitive advantage | |
| B.Sc. ETTI University Politehnica of Bucharest , Computer Science | Sep 2019 to Jul 2023 |
| <ul style="list-style-type: none"> • Student at the Faculty of Electronics, Telecommunications and Information Technology • Relevant courses in Computer Programming, Data Structures and Algorithms and Object-Oriented Programming | |

Experience

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|---|--|
| Rabobank , Software Engineer | Utrecht, Netherlands
Nov 2023 to present
1 year 3 months |
| <ul style="list-style-type: none"> • Hired as external employee through <i>Cognizant Softvision</i> - remote • Designed and implemented high-availability, scalable microservices architecture using Kafka for inter-service communication. • Developed and maintained templates for automated generation of business documents. • Automated document signing processes, reducing manual intervention. • Created and optimized CI/CD pipelines to improve development and deployment efficiency. • Enhanced code quality by implementing unit tests and component testing to ensure reliability. • Developed a comprehensive dashboard to display critical statistics and debugging information, streamlining troubleshooting and decision-making. | |
| Tremend Software Consulting , Software Engineer | Bucharest, Romania
Jul 2022 to Nov 2023
1 year 5 months |
| <ul style="list-style-type: none"> • Created and maintained technical documentation for application features and architecture. • Conducted comprehensive code reviews to ensure quality and adherence to best practices. • Investigated, documented, and resolved production bugs, improving application stability. • Managed the continuous integration and deployment (CI/CD) pipeline using Jenkins. • Developed robust and scalable RESTful web services using microservices. • Designed and implemented frontend components for seamless user experiences. | |

Projects

Arduino project ("Repeat the colors")

[Repeat-the-colors](#)

- The game "Repeat the colors" is a memory game. We have four colors (LEDs) and four buttons. The microcontroller will generate a string of random numbers whose length will increase after each stage in which there was a match between the LEDs on and the buttons being pressed.
- Tools Used: C, Arduino IDE

Unity Game Snake-around-the-world

[Google Play](#)

- An Android game inspired by the classic Snake, set in a 3D universe of various planets. Each planet presents unique mechanics and obstacles, creating different challenges while collecting points and avoiding hazards. The gameplay blends reflex-based movement and strategic planning for a fresh twist on a timeless concept.
- Tools Used: C#, Unity Engine, Rider, Blender, Photoshop

Culinary blog - bachelor's degree project

2023

- The work aims to design and implement a web application based on microservices architecture, with security based on user roles and tokens based on the PostgreSQL management system. The application is of a culinary blog type, hosting various recipes published by people and restaurants. A page dedicated to promotion and marketing will be created for restaurants.
- Tools Used: Java 17, Angular 14, Typescript, HTML5 and CSS

Certifications

CCNA: Introduction to Networks

2021

ECDL ROMANIA (2018)

2018