

Andrei-Cristian Zaharia

📍 Romania, Bucharest ✉ zaharia.andrei2010@gmail.com ☎ 0735 564 897 in andrei-cristian-zaharia
 🔗 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. I love traveling, staying up to date with technology and working out.

Knowledge

Languages: C++, C, Java, Objective-C, C#, SQL, JavaScript, HTML, CSS, Angular, Python

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

Education

B.Sc. Faculty of Automatic Control and Computers – University of Science and Technology POLITEHNICA Bucharest, Business Systems Engineering and Management Oct 2023 to present

- Acquiring knowledge and skills in information and knowledge management at the level of a company, so that it constitutes a competitive advantage

B.Sc. Faculty of Electronics, Telecommunications and Information Technology – University of Science and Technology POLITEHNICA Bucharest, Information Engineering Sep 2019 to Jul 2023

- Relevant courses in Computer Programming, Data Structures and Algorithms and Object-Oriented Programming

Experience

Cognizant Softvision, Java Software Developer Bucharest, Romania
Nov 2023 to present
1 year 3 months

- Worked with external banking client in a cross location team (RO/NL) in business lending.
- 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 statistics and debugging information.
- Used Java 17, Angular 17, Spring Boot, Microservices, Kafka, Azure, Splunk and PostgreSQL.

Tremend Softwatre Consulting, Java Software Developer Bucharest, Romania
Jul 2022 to Nov 2023
1 year 5 months

- 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.
- Java 11, Angular 7, HTML, CSS, RabbitMQ, Jenkins, MongoDB, PostgreSQL

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

Issued by Cisco

ECDL ROMANIA (2018)

2018

Issued by ICDL