



Andrei-Ciprian **Barbuta**

SOFTWARE ENGINEER

Bucharest, Romania

□ (+40)786453379 | □ ciprianbarbuta@gmail.com

❖ ciprix19.github.io/website | ❖ ciprix19 | ❖ ciprix19

Summary

Driven and adaptable Computer Science graduate with hands-on experience in both frontend development and cloud support engineering. I have contributed to secure, real-world Angular applications and provided advanced technical support for Apigee X and Hybrid platforms at an enterprise level. Skilled in cloud-native technologies, API management, and modern development frameworks, I thrive in dynamic, fast-paced environments where learning and innovation go hand in hand.

Education

Babes-Bolyai Faculty of Mathematics and Computer Science

Cluj-Napoca, Romania

MASTER'S DEGREE IN SOFTWARE ENGINEERING

October 2023 - April 2024

- Relevant coursework: Agile Methodologies, Programming Paradigms

BACHELOR'S DEGREE IN COMPUTER SCIENCE

October 2020 - July 2023

- Relevant coursework: Data Structures and Algorithms, OOP, Networking, Web Development, Machine Learning
- Thesis: **Tuner and Tab Writer for Guitar Using Note Detection Algorithms**

Work Experience

Cognizant Softvision

Bucharest, Romania

CLOUD ENGINEER L1 - GCP

May 2024 - September 2025

- Provided advanced technical support on over 200 tickets for Apigee X and Apigee Hybrid platforms across both production and development environments.
- Monitored cloud-native platforms using Google Cloud Logging, and metrics dashboards to track API traffic, service health, and latency across distributed environments.
- Handled role-based access and permission issues, troubleshooting IAM, service accounts, and policy configurations affecting API access and platform operations.
- Troubleshooted Apigee Hybrid installation and upgrade issues, identifying problems across Kubernetes clusters, runtime components, and configuration dependencies to restore platform functionality.
- Diagnosed and resolved networking-related issues, including VPC connectivity, firewall rules, load balancer behavior, and hybrid communication paths between on-prem and cloud environments.
- Collaborated closely with engineering teams to reproduce, analyze and escalate bugs and service outages, ensuring efficient resolution.
- Maintained and continuously improved the internal documentation, enabling faster incident resolution and strengthening team knowledge sharing. Created a React-based project tool for highly efficient documentation tracking.
- Managed high-priority incidents and ensured strict adherence to SLA (Service Level Agreement) commitments for enterprise-level clients.
- Technologies used: Apigee X / Apigee Hybrid, Google Cloud Platform — IAM, Cloud Logging, Cloud Monitoring, Kubernetes, Google Cloud Networking — VPCs, HTTP(S) Load Balancers.

Accenture Industrial Software Solution SA

Cluj-Napoca, Romania

FRONTEND DEVELOPER INTERN

August 2022 - November 2022

- Participated in the design and development of a secure, Angular-based frontend application for API key management.
- Collaborated with cross-functional team members to translate technical requirements into scalable, user-friendly UI components.
- Implemented best practices in TypeScript and Angular to ensure maintainable, modular, and high-performance code.
- Actively contributed to code reviews and iterative improvements, enhancing application stability and user experience.
- Technologies used: TypeScript, HTML5/CSS3, Angular, REST APIs.

Coding Projects

Note-Wizard - Tuner and Tab Writer for Guitar Using Note Detection Algorithms

- Bachelor's Thesis Java application which combines a digital guitar tuner and real-time tab writer, leveraging FFT (Fast Fourier Transform) and signal processing for accurate note detection.
- Created a user-friendly interface with JavaFX, enabling musicians to tune and transcribe music seamlessly.

Modular Dashboard

- React application built for learning purposes that features a metronome, counter, timer and image generator. Emphasis on **reusable components and clean architecture**.
- Designed an intuitive UI for seamless user interaction and flexible functionality.

Skills

- **Backend and Scripting** - Node.js, Express, C++
- **Frontend Technologies** - JavaScript, TypeScript, React, Next.js, HTML5, CSS3, Angular
- **Databases** - SQLite, PostgreSQL
- **Cloud and API Platforms** - Google Cloud Platform, Apigee X and Hybrid
- **Tools** - Git, Linux
- Problem Solving and Analytical Thinking
- Collaboration and Empathy
- Adaptability and Attention to Detail

Languages

- Romanian - Native
- English - C1
- German - B1

Extracurricular Activity

Hermes Society Students UBB

Cluj-Napoca, Romania

VOLUNTEER

Oct 2020 - Oct 2021

- Demonstrated **teamwork, leadership, and organizational skills** while coordinating tasks and assisting peers.

Untold

Cluj-Napoca, Romania

VOLUNTEER

August 2019

- Assisted in **event coordination, crowd management, and on-site support**, ensuring a smooth and safe experience for attendees.