

# Andrei-Ciprian **Barbuta**

SOFTWARE DEVELOPER / CLOUD SUPPORT ENGINEER

Bucharest, Romania

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