

# CLAUDIU NICOLA

## SENIOR SOFTWARE ENGINEER

Remote, CJ, RO

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### PROFILES

GitHub  
LinkedIn  
dev.to  
Medium

## ABOUT

Passionate about building easy to maintain and scalable cloud-native software solutions.  
"You build it, you run it."

## WORK EXPERIENCE

### Senior Software Engineer, FluidTrends

December 2022 - Present

Working on scalable cloud-native solutions for a product focused on onboarding web2 users into the web3 ecosystem.

### HIGHLIGHTS

- Go (Golang), TypeScript
- Docker, Kubernetes, GCP
- MongoDB
- Microservices, gRPC, GraphQL, CI/CD
- Product, web3

### Senior Software Engineer, Around25

July 2021 - June 2023

Part of a team that delivers scalable microservices-based solutions for a startup focused on Customer Journey experience. Key contributions included the rewriting of NodeJS services in Go (Golang), integrating Keycloak for Authentication and Authorization, System Design around event-based architecture for a better scalability, and delivering new features.

## **HIGHLIGHTS**

- Go (Golang), NodeJS, React
- Docker, Traefik, Kubernetes, GCP, OVH
- Keycloak integration, NATS, Redis
- MySQL, PostgreSQL, MongoDB
- Microservices, REST APIs, CI/CD
- SaaS, Customer Journey

## **Software Engineer, ComplyAdvantage**

**October 2019 - June 2021**

Individual contributor alongside the Platform&API team. The team was responsible for delivering APIs and user interfaces used by customers in a collaborative environment with DevOps mindset and focus on continuous integration and delivery. Key contributions included breaking down the monolithic application into microservices, implementing OAuth2 authentication and introducing event-driven architecture for scaling purposes. I was involved in all parts of the SDLC, from planning and defining software design documents for new product features to maintenance and scaling.

## **HIGHLIGHTS**

- Python, PHP, Go (Golang), NodeJS
- Docker, Terraform, Ambassador, Kubernetes, AWS
- AWS Cognito integration, Kafka, Redis
- MySQL, MongoDB
- Microservices, REST APIs, Serverless, CI/CD, E2E Testing, Monitoring & Observability
- SaaS, FinTech

## **Software Engineer, WeSupply Labs**

**April 2019 - September 2019**

Giving a helping hand for a short period of time to a small start-up. Responsible for the design and implementation of core platform features.

## **HIGHLIGHTS**

- PHP, NodeJS, MongoDB, AngularJS, REST APIs, E2E Testing, Third-parties integrations
- SaaS, E-commerce, Post-Purchase Customer Experience

## **Backend Developer (PHP), Evozon**

**May 2016 - April 2019**

Contributed to two major projects, an e-commerce that operated on the US market and a Bank Loan Management Solution used by the biggest bank from Romania.

## **HIGHLIGHTS**

- PHP, Javascript, Relation Databases, REST APIs, RabbitMQ, Redis
- Magento 1.x, Symfony 3.4
- Laravel 5.x,
- E-commerce, Banking

## **Mentee, Evozon**

**October 2015 - May 2016**

Joined a new mentorship program inside Evozon to go deeper into the world of software development. The program's output was a Product Questions and Answers module for e-commerce websites. The module was adapted and used on real projects.

### **HIGHLIGHTS**

- PHP, Javascript, MySQL, REST APIs
- Magento 1.x, Symfony 3.4

## **PHP Internship, Evozon**

**August 2015 - October 2015**

Three months focused on backend development using PHP and MySQL. The final project was a team effort that simulated a real team building a small e-commerce website.

### **HIGHLIGHTS**

- Data Structures, PHP basics, OOP, Coding Standards
- Design Patterns, MySQL, Software Development Life Cycle

# **VOLUNTEER WORK**

## **Mentor @ UBB IT Hub, Babes-Bolyai University**

**March 2018 - September 2018**

Improve the digitalization level of the academic and administrative processes within Babes-Bolyai University.

<http://ubbithub.csubb.ro/>

## **Founder, Cluj Y.Tech**

**January 2017 -**

Cluj Y.Tech is a community of young techies, studying in Cluj. We feel responsible for our own trajectory so for that, we study and practice software development in school plus on our own free time. We believe that we should absorb all the knowledge we can from University, but there are more knowledge, experience, and ideas out there. Cluj is a vibrant city and we should take advantage of being here! And for that, we think we can do more if we stand united!

<https://cluj-ytech.github.io/>

# **SKILLS**

## Worked with (alphabetically):

Ambassador	AWS	AWS Cognito	CI/CD	E2E Testing	Docker	GCP	Go (Golang)	Kafka
Keycloak	Kubernetes	JavaScript	Microservices	MongoDB	Monitoring & Observability		NATS	
NodeJS	MySQL	Linux	PHP	Python	RabbitMQ	Redis	REST APIs	Serverless
Traefik		Terraform						

## EDUCATION

### **Bachelor, Computer Science - Babes-Bolyai University**

October 2015 - July 2018

### **Master Degree, Science, Technology and Innovation in Public Governance - Babes-Bolyai University**

October 2018 - July 2020

#### COURSES

- Strategic Planning | Research Methods for Process Analysis | ICT Innovation in Governance | Building Performance in Public Services: Emergency Response System | Legislative Debates regarding innovation and technology | Participatory Governance | E-government | Sustainable urban development | Public budgets

## AWARDS

### **Entrepreneurship Nights - SAS UBB**

09 December 2017

1st place - Best business idea.

### **Transylvania Tech Talent Contest - MA Science, Technology and Innovation in Public Governance**

31 March 2018

4rd place

## INTERESTS

**Software Engineering**

**Public speaking**

**Entrepreneurship**

**Project Management**

# **LANGUAGES**

**Romanian**

**Fluency: Native speaker**

**English**

**Fluency: Professional working proficiency**