

Ioan Filip

Software Developer

Automation Engineering Master's graduate with 1.5 years of experience as a Junior Backend Developer. Committed to professional growth, teamwork, and knowledge sharing within a collaborative environment. Enthusiastic about contributing to diverse project areas and delivering high-quality results while advancing technical expertise

✉ filipioan_29@yahoo.ro

📍 Cluj-Napoca, Romania

🌐 [linkedin.com/in/ioan-filip-8483611b7](https://www.linkedin.com/in/ioan-filip-8483611b7)

WORK EXPERIENCE

Backend Developer (Java)

3Pillar Global

04/2023 - Present

Cluj Napoca

Development and maintenance of RESTful APIs for Firewall Management Center Cisco's products

Achievements/Tasks

- Development and maintenance of RESTful APIs for Firewall Management Center Cisco's products
- Optimizing the performance of backend applications, including optimizing database queries and improving API response times.
- Collaborating with frontend teams to properly integrate backend services with other application components.
- Manual testing of the fixes implemented in the API
- Working on product feature roadmap.
- Bug fixing on the UI side.

Electrical Engineer

Emerson Automation Solutions

08/2021 - 04/2023

Cluj-Napoca

Achievements/Tasks

- Design customized junction boxes, control stations, and Plex power systems for ATEX zones using AutoCAD.
- Develop a Bill of Materials to facilitate the manufacturing of designed products.
- Maintain close collaboration with the production area to address various issues and inquiries related to products.

EDUCATION

Master Degree in Electrical Engineering

Technical University of Cluj Napoca

10/2021 - 07/2024

Cluj Napoca

Master degree Thesis

- Algorithm for tracking the maximum power generated by a photovoltaic system

Bachelor in Electrical Engineering

Technical University of Cluj Napoca

10/2017 - 07/2021

Cluj Napoca

Bachelor Degree

- Final Thesis : "Analysis of the reluctance synchronous machine assisted with permanent magnet's

CERTIFICATES & PERSONAL PROJECTS

Cluj Hackathon: Collaborated with a team over three days to successfully develop an AI StoryTeller

In a Cisco internal hackathon, our team of four secured the 2nd place ranking.

Electricians Certification (II A & II B), Driver's license (B)

EXTRA-CURRICULAR ACTIVITIES

Safety Officer (ARTU Cluj-Napoca)

I worked as the Safety Officer for the ARTU team, managing electrical system inspections and overseeing the electric battery charging procedures.

Java from Scratch (01/2023 - 04/2023)

This course covered both fundamental and advanced Java concepts, including Generics, Collections, Streams, and Multithreading. After completing the course, I became the first graduate to be hired as a software developer

IT School (06/2022 - 01/2023)

I completed an introductory course in Java programming, where I learned the fundamentals of Java and the basics of object-oriented programming

Ilumen European Solar Challenge & Italian Solar Challenge (with Solis EV) (09/2022)

I have taken part in a 24-hour endurance competition and an 8-hour competition, in which I achieved a 3rd place ranking.

Ilumen European Solar Challenge (with Solis EV) (09/2021)

I was a member of the Solis-EV team and participated in the iLumen European Solar Challenge, a 24-hour competition, where I handled the electrical components, including the solar panels, main battery, and 12V circuit.

LANGUAGES

Romanian

Native or Bilingual Proficiency

English

Professional Working Proficiency

SKILLS

Java 8

Critical thinking ,Collaboration,

Git & P4V, SQL,Postman,Linux

IntelliJ IDEA ,Jenkins