

Mihai Flavius Pirjoleanu

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Technical Skills

- **Languages:** Python, Java, JavaScript, C/C++, SQL
- **Web & Frameworks:** Vue.js, React, Node.js, Spring Boot, Next.js, Express.js
- **Tools & Platforms:** Git, Docker, Bash, Jenkins, REST APIs, OpenAI API, Firebase
- **Testing:** JUnit, Mockito, Jest, Postman

Work Experience

Digital Transformation Intern

Bucharest, Romania

Poșta Română

Jul 2025 – Oct 2025

- Developed a Python-based automation pipeline for parsing, cleaning, and geolocating over 10M+ messy delivery addresses.
- Utilized regex, fuzzy matching, and external APIs to enrich and normalize address data from 5K+ post offices.
- Built dynamic JavaScript dashboards to visualize operational metrics and reduce manual reporting by 60%.

Web & AI Intern

Bucharest, Romania

DevMind

Mar 2025 – Apr 2025

- Integrated AI chatbot capabilities into a Vue.js + Spring Boot web app, supporting real-time assistance and improving user engagement by 30% during internal testing.
- Designed and implemented a fine-tuned RAG (Retrieval-Augmented Generation) model for dynamic Q&A over 10,000+ internal documentation entries.
- Built and tested full-stack features with Spring Boot, Thymeleaf, and MySQL; increased unit test coverage from 40% to 85% using JUnit and Mockito.

Volunteering

Volunteer Developer

Remote, Romania

Code4Romania

Jul 2025 – Present

- Participated in Agile sprints with cross-functional teams; delivered features and bug fixes across 3+ public-facing platforms through regular code contributions and reviews.
- Enhanced frontend performance by simplifying component structure and state logic in multiple modules, reducing load time by an estimated 15–20%.
- Contributed to civic tech platforms reaching 100,000+ citizens, including apps for emergency alerts, electoral data, and access to social services.

Python Mentor

Remote, Romania

Cartea Daliei (Societe Generale)

Oct 2024 – May 2025

- Mentored 20+ students (ages 10–16) in weekly online Python workshops under the "Cartea Daliei" mentorship program.
- Designed 30+ custom lessons and exercises using Turtle graphics, OOP, and basic algorithms.
- Provided 1:1 support and helped students debug, refactor, and document their code using best practices.

Education

B.Sc. in Computer Science – Economic Informatics

Bucharest, Romania

Academy of Economic Studies

Awards & Certifications

- 1st Place, Hackathon WebDev FIICODE Amazon 2025
- 5th Place, Hackathon WebDev Adobe 2024
- SAP Certified Associate Backend Developer
- SAP Certified Professional Developer Commerce Cloud
- UiPath Process Mining Developer

Languages

- Romanian (native), English (CAE - C1), French (A1/A2)