Mihai Flavius Pirjoleanu

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Technical Skills

- **Programming Languages:** Python, Java, JavaScript, C/C++
- **Frameworks & Libraries:** Spring Boot, Node.js, Express.js, React, React Native, Next.js, jQuery, Thymeleaf, Bootstrap, Tailwind CSS
- **Databases & Tools:** MySQL, PostgreSQL, MariaDB, Oracle Database, Git, Bash, Docker, Jenkins
- **Testing & QA:** JUnit, Mockito, Jest, Chrome DevTools, Postman

Work Experience

Big Data Intern — Posta Romana
Bucharest, Romania — *Jun 2025 – Oct 2025*

- Developed a Python-based tool for **automated address recognition and localization** from unstructured text, processing a dataset of over **10 million delivery records** and 5,000+ post offices.
- Implemented custom parsing scripts with regular expressions to normalize and cleanse messy address data, achieving an **80% automated success rate**.
- Reduced manual data processing time by **60%** and increased geo-matching accuracy by **35%** through workflow automation using **Python** and **Bash** scripts.

Java Developer Intern (Web & AI) — DevMind
Bucharest, Romania — *Mar 2025-Apr 2025*

- Engineered an **AI-powered analytics layer** for internal dashboards, processing user data to generate actionable insights, which led to a **30% increase in user retention**.
- Developed and maintained full-stack web modules using **Spring Boot**, **Thymeleaf**, and **MySQL**, enhancing core application functionality.
- Drove code quality improvements by increasing test coverage to **85%** through rigorous unit and integration testing with **JUnit** and **Mockito**.
- Collaborated in an Agile environment, participating in weekly code reviews and stand-ups to streamline development cycles.

Python Mentor — Societe Generale, Cartea Daliei
Remote, Romania — *Oct 2024 – Mai 2025*

- Mentored over **20 students** (ages 10-16) in Python programming fundamentals across a 9-month program, delivering **15+ interactive coding sessions**.
- Designed and authored **30+ educational materials**, including tutorials, coding challenges, and quizzes on topics like algorithmic logic and graphics with **Turtle** and **Pillow**.
- Boosted average code proficiency of students by **50%** and maintained a consistent participant satisfaction score of **9/10**.

Education

Faculty of Cybernetics, Statistics and Economic Informatics. — Academy of Economic Studies
Bucharest, Romania — *2026*

- Bachelor's degree in Computer Science, Economic Informatics

Awards & Certifications

- **1st Place:** Hackathon WebDev FIICODE Amazon 2025 (Iasi)
- **5th Place:** Hackathon WebDev Adobe 2024 (Bucharest)
- **SAP Certified Associate:** Backend Developer - SAP Cloud Application Programming Model (2025)
- **SAP Certified Professional:** Developer - SAP Commerce Cloud (2025)
- **UiPath Training:** UiPath Process Mining Developer (2025)

Languages

- **Romanian:** Native, **English:** Cambridge C1 Advanced - CAE, **French:** A1/A2