

Ionel Mihai Pacurariu

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Profile

With a background as an Air Force officer and strong backend development skills, I bring a disciplined, reliable approach to tech projects. I'm a collaborative team player who thrives under pressure, known for integrity and delivering solid results. Ready to bring these qualities into an engineering role and contribute to impactful, efficient solutions.

Tech Skills

Python, bash & PowerShell scripting, XML
SQL, AWS, Git, Terraform
Tableau, Jira

Employment History

Data Analyst, Riverbed Technologies

July 2024 – Dec 2024

As a Professional Services Consultant, I provide expert support on the Aternity EUEM solution. My role involves optimizing backend data processes, implementing automated remediation actions, and delivering insights through monthly reports and clear, data-driven dashboards that drive impactful decision-making.

- Improved data-backend processes, leading to a 15% increase in client retention and a user experience score boost from 7.6 to 8.2 in the first 2 months.
- Designed and implemented automated remediation actions, enhancing support service (ServiceNow) performance by over 18% within the first month.

Network Engineer, Cavell Group

Oct 2023 – July 2024

At Cavell Group, I focused on backend development with Python to enhance product performance and reliability. My key contributions involved refactoring core code and developing new scripts, which accelerated delivery and improved project outcome.

- Refactored and optimized Python code, enabling the team to deliver the product one month ahead of schedule, resulting in almost 20% revenue increase.
- Contributed to implementing a local LLM solution using Ollama, tailored for data privacy and customized client applications.

Application Management Engineer, Endava

June 2022 – Oct 2023

As an Application Management Engineer at Endava, I focused on enhancing backend functionality, using XML (Rulebook platform) and user experience for our finance application. My role involved optimizing processes, managing localization efforts, and supporting teams.

- Completed critical tasks two sprints ahead of schedule for French localization project, resulting in over 15% revenue increase due to faster product implementation.
- Successfully completed a 3-month Python training program, deepening programming knowledge to better support team objectives and future projects.

Artillery Officer, Romanian Air Force

Aug 2007 – Apr 2022

As an Air Force Officer, I managed teams in high-pressure environments, prioritizing strategic collaboration and efficient resource allocation.

- Directed teams of over 100 personnel, achieving high performance and precision in both live exercises and simulations.
- Built a disciplined and respectful team culture, maintaining strong morale and results under challenging conditions.

Projects ([Github](#))

Work-in-Progress Projects

- **Recipe Discovery App**
 - Flask web app for finding recipes by ingredients
 - Spoonacular API integration + web scraping
 - Bootstrap frontend for responsive design
 - Hosted on Hetzner Cloud (Ubuntu 22.04)
 - Gunicorn + Nginx setup
 - GitHub Actions for automated deployment
 - SSL/HTTPS and SSH key authentication

A simple recipe search application with modern deployment practices and security measures in place. Check it out at <http://kitchen-net.eu/>

Education

- Cisco Certified Network Associate course 2023 (3mo)
- Terraform Beginner Bootcamp 2023 (2mo)
- AWS Cloud Project Bootcamp 2023 (6mo)
- IT School 2021-2022 – Python programming course
- Air Force Academy 'Henri Coanda' (Brasov, Romania) 2004-2007 – Bachelor's degree in Organizational Management

Certificates

- Cisco Certified Network Associate (CCNA)
- AWS Certified Cloud Practitioner
- AWS Cloud Project Bootcamp Certificate (Gold Squad)
- Microsoft Certified: Azure Fundamentals
- MTA: Introduction to Programming using Python

Languages

Romanian (native), English (C1 level), German (B1 level)