

## SKILLS

<b>Programming Languages</b>	Python, C++, C, Bash, VBA, T-SQL
<b>Cloud</b>	AWS, ECS, EC2, RDS, CloudWatch, Lambda, ECR, S3, CostCenter, VPC, CloudFormation, Terraform
<b>Frameworks and Tools</b>	SQLAlchemy, Pydantic, FastAPI, MultiThreading, Pytest, Numpy, Matplotlib, RabbitMQ Alembic, Async, QT, Django, Rest API, Docker, React
<b>AI</b>	ANN, CNN, OpenCV, DeepFace, Keras, Tensorflow, LLM, Copilot, Prompt Engineering
<b>Concepts &amp; Paradigms</b>	Algorithms, OOP, Data Structures, Functional Programming, Dynamic Programming, Unit Testing, ML Algorithms, Linux, Virtual Machines, Data Analysis, Data Selection and Cross-Validation
<b>Database Knowledge</b>	MySQL, PostgreSQL, Snowflake, DynamoDB
<b>Version Control</b>	Git, GitHub, GitLab, Gerrit
<b>Management Tools</b>	Jira, ADO, Miro, Trello, Confluence, Agile methodology, Scrum, Kanban
<b>Soft Skills</b>	Mentoring, Team Player, Independent Worker, Attention to detail, Analytical and logical thinking, Critical thinking, Time management, Adaptability, Communication, Openness to criticism, Creativity
<b>Languages</b>	Romanian (Native), English (B2 Certified)

## WORK EXPERIENCE

<b>Senior Software Engineer</b> <i>Intive</i>	<b>05/2024 — Present</b> <i>Romania, Remote</i>
<ul style="list-style-type: none"><li>Owned the architecture, delivery, and long-term maintainability of 7 internal services and 4 customer-facing products</li><li>Led end-to-end service lifecycle, including design, implementation, deployment, monitoring, and iterative improvements</li><li>Designed and built cloud-native services using Python, Go, Java, Terraform, CloudFormation, Ansible, and Docker</li><li>Led a major customer-facing service upgrade, defining rollout strategy, mitigating deployment risk, and ensuring stability</li><li>Reduced security risk by proactively managing dependency upgrades and resolving Dependabot and JFrog X-Ray findings</li><li>Authored architectural decision, upgraded playbooks, and technical documentation to support scalable, low-risk development</li><li>Interviewed and evaluated candidates as secondary, contributing to hiring decisions and team quality</li><li>Communicated delivery status, technical risks, and trade-offs to directors and cross-functional stakeholders</li></ul>	
<b>Middle Python Backend Developer</b> <i>Capgemini Engineering</i>	<b>08/2022 — 05/2024</b> <i>Romania, Remote</i>
<ul style="list-style-type: none"><li>Conducted research for the usage of over 20 different models of LLMs, then presented the results to management</li><li>Developed an efficient product based on multiple LLMs on two different platforms: Jupiter Notebook &amp; BE Python server</li><li>Implemented a configuration module for an AI product that allows ease of editing for a non-technical person</li><li>Offered as a solution, an abstract approach of development for a new microservice of Python Backend</li><li>Conducted data migrations on two different databases, while taking into account over 100 different states of the data</li><li>Communicated with the team according to Agile methodology, providing feedback and updates when required</li></ul>	
<b>VBA Developer Specialist</b> <i>DRÄXLMAIER Group</i>	<b>10/2021 — 08/2022</b> <i>Romania, Satu-Mare</i>
<ul style="list-style-type: none"><li>Recreated third-party software using VBA to customize and automate workflows</li><li>Refactored over 2 weeks of work into 3 hours of monthly/everyday tasks</li></ul>	
<b>Master Data Analyst</b> <i>DRÄXLMAIER Group</i>	<b>01/2021 — 10/2021</b> <i>Romania, Satu-Mare</i>
<ul style="list-style-type: none"><li>Improved the efficiency of tasks by 70% through VBA automation</li><li>Worked closely with the business inside teams to ensure alignment of master data rules and the operations of the application</li></ul>	

## PERSONAL PROJECTS

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## EDUCATION

<b>Bachelor of Mathematics and Computer Science, University of Babeş Bolyai</b>	<b>2019 — 2023</b>
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