Leonte Cezar Cosmin

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Portfolio
LCCosmin
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SKILLS

Programming Languages	Python, C++, C, Bash, VBA, T-SQL
Frameworks and Tools	SQLAlchemy, Pydantic, FastAPI, MultiThreading, Pytest, Numpy, OpenCV, DeepFace, Keras, Tensorflow, Matplotlib, RabbitMQ, Alembic, Async, ANN, CNN, QT, Django, Rest API, Docker, React
Concepts & Paradigms	Algorithms, OOP, Data Structures, Functional Programming, Dynamic Programming, Unit Testing, ML Algorithms, Linux, Virtual Machines, Data Analysis, Data Selection and Cross-Validation
Database Knowledge	MySQL, PostgreSQL, Snowflake
Version Control	Git, GitHub, GitLab
Management Tools	Jira, Trello, Confluence, Agile methodology, Scrum, Kanban
Soft Skills	Mentoring, Team Player, Independent Worker, Attention to detail, Analytical and logical thinking, Critical thinking, Time management, Adaptability, Communication, Openness to criticism, Creativity
Languages	Romanian (Native), English (B2 Certified)

WORK EXPERIENCE

Middle Python Backend Developer   08/2022 — Present
Capgemini Engineering   *Romania, Remote*
- Conducted research for the usages of over 20 different models of LLMs, then presented the results to the management
- Developed an efficient product based on multiple LLMs on two different platforms: Jupiter Notebook & BE Python server
- Implemented a configuration module for an AI product that allows ease of editing for a non-technical person
- Offered as a solution an abstract approach of development for a new micro-service that would later function as the base for future features & micro-services
- Conducted data migrations on two different databases, while taking into account over 100 different states of the data
- Refactored the base code of a smaller product, which increased overall performance
- Tested and fixed bugs from the BE side, as well as communicated with other teams regarding different possible solutions to a problem while taking UX into account
- Communicated with the team according to the Agile methodology, providing feedback and updates when required

VBA Developer Specialist   10/2021 — 08/2022
DRÄXLMAIER Group   *Romania, Satu-Mare*
- Recreated third-party software using VBA, to customize and automate workflows
- Created reports based on internal data and shared insights with the management team
- Refactored over 2 weeks of work into 3 hours of monthly/everyday tasks

Master Data Analyst   01/2021 — 10/2021
DRÄXLMAIER Group   *Romania, Satu-Mare*
- Improved the efficiency of tasks by 70% by automating them with VBA
- Worked closely with the business inside teams to ensure alignment of master data rules and the operations of the application meet all requirements of the application
- Ensured quality of master data in key systems, as well as, development and documentation of processes with other functional data owners to support ongoing maintenance and data integrity

PERSONAL PROJECTS

Military Personnel Detection Github Link
- Tools used: Python, OpenCV, Tensorflow, Keras, Numpy, Matplotlib, RetinaFace
- Inspired by the recent events in Ukraine, this ML model detects whether or not a person from a video or an image is military personnel. This can be used as a security measure inside a camera or a drone

Face Emotion Detection Github Link
- Tools used: Python, OpenCV, DeepFace
- ML Model that uses OpenCV and DeepFace to detect a face from a video or an image, and the current mood

Cat Finder Github Link
- Tools used: Python, UltralyticsYOLO Model, OpenCV, MultiThreading
- Having a cat that likes to hide, I've decided to create my own product that uses self-made motion sensors and then detects with the help of YOLO's models if the frame has a cat, then keeps count in which room she has been last seen

EDUCATION

Bachelor of Mathematics and Computer Science, *University of Babeș Bolyai*   2019 — 2023