

# FACUNDO MURUCHI

## SOFTWARE & AI

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### SUMMARY

Computer Engineering student specialized in Artificial Intelligence, Software Development, and Cloud Computing. AWS Machine Learning Engineer Associate certified. Experienced in building data-driven solutions using Python, SQL, and AWS services, applying automation, computer vision, and software development best practices. Passionate about designing scalable systems and leading innovative projects.

### EDUCATION

UNIVERSIDAD ARGENTINA DE LA EMPRESA (UADE)	CABA, Argentina
BACHELOR'S DEGREE, COMPUTER ENGINEERING	2024 - 2028

### PROJECTS

PERSON DETECTION WITH AWS	Personal Project
<ul style="list-style-type: none"><li>Built a computer vision system using Python, OpenCV, and AWS Rekognition to detect people in video frames.</li><li>Processed and analyzed thousands of frames automatically, generating bounding box annotations and saving the outputs in S3.</li></ul>	
INVENTORY CONTROL SYSTEM	University Project
<ul style="list-style-type: none"><li>Designed and implemented a relational database in SQL Server to automate inventory management for a metalworking company.</li><li>Ensured full traceability of materials, products, suppliers, and stock movements using T-SQL, FK constraints, and ACID transactions.</li><li>Automated stock updates through triggers to reduce manual errors and improve production planning accuracy.</li></ul>	

### CERTIFICATIONS

Machine Learning Engineer Associate – AWS	May 2025
Generative AI With LLMs – DeepLearning.AI	Nov 2024
Generative AI With AWS – Udacity	Nov 2024
Red Hat System Administration I (RH124 - RHA) – Red Hat	July 2025
SQL – Coderhouse	June 2025
Data Science – Coderhouse	April 2024
Python – Coderhouse	Jan 2023

### SKILLS

- Technical Skills:**
- Programming & Frameworks:** Python, Java, Django, OOP
  - Data Science & AI:** Pandas, NumPy, Scikit-learn, Machine Learning
  - Cloud & DevOps:** AWS, Linux, Automation, Make, n8n, Docker
  - Databases:** SQL Server, MySQL
  - Version Control:** Git, GitHub
- Language:** English (First Certificate B2), Spanish (Native)
- Soft Skills:** Leadership, Collaboration, Project management, Customer service