Maryem Jlassi

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in [Maryem Jlassi](#) ⌨ [Maryem-Jlassi](#)

Profile

Innovative and passionate AI engineering student, seeking to leverage a strong foundation in **machine learning**, **data science**, and **problem-solving**.
Proficient in Python, with hands-on experience in developing scalable models for real-world applications.
Through active **participation in hackathons**, I have demonstrated strong teamwork and technical skills, contributing to high-impact AI-driven projects.

Technical Skills

- **Programming:** Python, Java, JavaScript **Frameworks:** Django, Node.js, Flask, Angular, FlutterFlow
- **AI/ML:** TensorFlow, PyTorch, Generative Models, Scikit-learn, Generative AI **Data:** SQL, Power BI, Pandas

Education

ESPRIT, Tunisia *Sept 2024 – Jan 2027*
AI Engineering Studies
Institut Préparatoire aux Études d'Ingénieur El Manar, Tunisia *Sept 2022 – June 2024*
Pre-Engineering Studies (Physics and Technologies)

Experience

Hackathon Participant(2025)

- **Polytech Intl Hackathon:** Achieved **4th place** by developing AI solutions for health data management, including MRI analytics, prescription handling, and side effect prediction.
- **H12-Innovation:** Revived the historical site of Sbiba using AI by building a virtual assistant, interactive quiz, and computer vision model.
- **VEO Tunisie Hackathon:** Designed AI-powered recruitment solutions for efficient and fair candidate sourcing and evaluation.

Academic Projects (2025)

NutriMove: NLP for Nutrition *Team of 6*
Developed a web app for promoting healthy lifestyles by integrating sport and nutrition. Implemented features like NLP-based article summarization, facial recognition authentication, and text-to-speech. Technologies: Django, PyTorch, TensorFlow, React.js, MySQL. [LinkedIn]

InsightPlate: Data Science for Health Inspections *Team of 6*
Built ML models for health inspections using Python and Power BI. Applied supervised and unsupervised learning for insights and predictions. Deployed via Streamlit. [LinkedIn]

Smart Sourcing System: AI for HR Automation *Ongoing*
Developing an AI-powered HR tool for CV parsing, job matching, and email generation. Features include a chatbot assistant and computer vision models using transfer learning. Technologies: SpringBoot, Angular, TensorFlow.

Additional Information

- **Certifications:**
  - **NVIDIA:** [Introduction to Transformer-Based NLP](#) (*Feb 2025*)
  - **NVIDIA:** [Generative AI with Diffusion Models](#) (*Feb 2025*)
  - **NVIDIA:** [Fundamentals of Deep Learning](#) (*Dec 2024*)
- **Soft Skills:** Team Leadership, Project Management, Communication
- **Extra-Curricular Activities:** DeepFlow Club (Member)/ Tunipreneurs Polytech Intl (Member)