



ANASSIDBELLA

State Software Engineer, AI & Computer Science

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Rabat

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EDUCATION

MASTER'S IN ARTIFICIAL INTELLIGENCE

Universite Côte d'Azur, Nice
2024-2025

ENGINEERING DIPLOMA, COMPUTER SCIENCE & NETWORKS

EMSI, Marrakech
2022-2025

TECHNICIAN'S CERTIFICATE (BTS), INFORMATION SYSTEMS DEVELOPMENT

Lycee Lissane Ed-Dine Ibnou Al Khatib, Laayoune
2020-2022

SKILLS

- Languages & Backend:** Python, Java, C++, C#, JavaScript, TypeScript, SQL, Spring Boot, ASP.NET, Django, Node.js
- AI & MLOps:** Machine Learning, Deep Learning, NLP, Computer Vision, Retrieval-Augmented Generation (RAG), LangChain, HuggingFace, FAISS, Prompt Engineering, TensorFlow, PySpark, Airflow, MLflow, Docker, ONNX
- Databases:** PostgreSQL, MySQL, MongoDB, SQLite
- Frontend & Mobile:** ReactJS, Angular, Tailwind CSS, Flutter
- Tools & Methods:** Git, Azure DevOps, UML, Kanban, Agile Collaboration

LANGUAGES

- Arabic: Native
- French: Advanced
- English: Advanced

INTERESTS

- Programming
- Football
- Music

SUMMARY

State Engineer in Computer Science and Networks from EMSI Marrakech and holder of a Master's degree in Artificial Intelligence from Université Côte d'Azur. Passionate about designing robust and intelligent software systems, I combine engineering rigor with AI expertise to build full-stack solutions, ML pipelines, and production-ready conversational agents. I am available immediately.

PROFESSIONAL EXPERIENCE

Pontar.io (Cologne)

2025 - 4 Months

Fullstack js Engineer

- Co-built the Pontar.io platform from the ground up using React/Next.js and Node.js
- Built multiple responsive landing pages to support product launch and user acquisition
- Led research and development of an Arabic-language onboarding assistant, combining conversational AI with voice interaction

TekCircle (Rabat)

2025 - 6 Months

Software & AI Engineer Intern

- Final Year Project:** Design of a PaaS fraud detection platform.
 - Designed and developed a "Privacy-First" solution, including a Java SDK (ONNX) and a microservices backend (Python, FastAPI).
 - Established a full MLOps pipeline using Airflow and MLflow to automate the model lifecycle.
- Main Enterprise Project:** Development of "TekCircle," Morocco's first IT freelancer platform.
 - Contributed significantly to the full-stack development of the platform, creating distinct user systems for IT freelancers, recruiters, clients, and administrators.
 - Built the front-end using React 18 and the back-end with Express.js to manage projects and applications.

Storeino (Agadir)

2024 - 2 Months

Client Support Intern

- Developed a multilingual chatbot using Python and Rasa, integrated with the Whisper API for voice recognition, to automate FAQ responses and improve user interaction.

OCP Phosboukraa (Laâyoune)

2023 - 1 month

Network Services Intern

- Built a camera management application and automated Excel reporting with Python and SQLite to enhance real-time security monitoring and reduce response delays.

PROJECTS

- Automated Unit Testing System:** An application built with Spring Boot, Angular, and Gemini, designed to analyze source code, and automatically generate and execute unit tests.
- Visual Recommendation API:** Developed an API using ResNet-50 for visual feature extraction and FAISS for high-speed similarity search in recommendation tasks.
- Secure Password Manager:** Created a Java and Python application that uses OpenCV for secure authentication through facial recognition.
- Document-based RAG Chatbot:** Built a Retrieval-Augmented Generation (RAG) chatbot using LangChain, FAISS, HuggingFace embeddings, and Ollama (Gemma) to enable interactive question-answering from provided documents.

CERTIFICATIONS

- Building Scalable Java Microservices with Spring Boot and Spring Cloud (Google Cloud)
- Introduction to Cloud Computing (IBM)
- Introduction to DevOps (IBM)
- Introduction to Containers w/ Docker, Kubernetes & OpenShift (IBM)