GOUMRANE IBRAHIM

STATE ENGINEER IN ARTIFICIAL INTELLIGENCE AND COMPUTER SCIENCE

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PROFIL

Artificial Intelligence and Computer Engineering graduate, passionate about software development and AI engineering. With solid experience in full-stack development (Laravel, React, Spring Boot) and data processing, I am seeking a permanent position starting in January in software development and AI engineering, with the goal of contributing to innovative projects within a dynamic team.

TECHNICAL SKILLS

Développement & Software Engineering
- Langages : Java, Python, R, SQL, PHP, JS , TS , C
- Frameworks : Spring Boot, Laravel, React, Next.js, Tailwind , Django, Express.js
- Modeling : UML, Merise , lucidchart
- Versioning : Git, GitHub
- Environnements : Linux , Windows, Docker, AWS, Vps , Gcp , DigitalOcean

Databases
- Relational : MySQL, PostgreSQL
- NoSQL : MongoDB

Data Analysis & Business Intelligence
- SQL (MySQL, PostgreSQL), Power BI
- Data Cleaning, Reporting, KPIs , Visualization (Matplotlib, Seaborn)

Machine Learning & Artificial Intelligence
- Scikit-learn, TensorFlow, PyTorch , Yolo , FaceRecognizer , Pandas
- Régression, Classification,Évaluation et optimisation de modèles

Data Engineering
- ETL / ELT, Pipelines de données
- Tools : Apache Airflow, BeautifullSoup , Selenium

EXPÉRIENCE PROFESSIONNELLE

Full-Stack Developer & Project Lead – Recruitment Platform | EHC 01/06/2025 – 01/11/2025

Developed a recruitment platform using React.js and Spring Boot, deployed on Hostinger. Oversaw DNS configuration through OVH, led a small development team, and worked directly with the client to deliver the project on tight deadlines.

Full Stack Developer & Project Lead – Financiana | Freelance 01/06/2025 – 01/09/2025

Created a complete web platform using Next.js and Laravel, integrating AI- and OCR-based automated financial analysis and report generation. Managed CI/CD through GitHub, maintained the MySQL database, deployed the solution on a VPC via Heberjahiz, and managed the domain configuration through cPanel.

Intern – KanBanPro | Numeric Way 27/06/2024 – 27/08/2024

Developed a Jira-like project management platform with Kanban boards, collaborative workflows, and real-time chat. Built the backend in Express.js and the frontend in React, Material UI, and Tailwind, with multi-user project handling.

PROJETS ACADÉMIQUES

Fast Dev – Low-Code Solution (9/2024 – 11/2025)

Built a low-code platform for rapid web app development with React, TypeScript, Spring Boot, Gemini 3.5 API, Spring Security, Quartz, MySQL, and Docker/Git integration.

FaceAttendance.AI (03/2025 – 06/2025)

Created an automated school attendance system using facial recognition with Django, face_recognition, Next.js, Tailwind, and Docker.

OCR Text Recognition (11/2024 – 02/2025)

Built an OCR system using a CNN–LSTM architecture to predict text sequences from images. Implemented with PyTorch, ResNet50, and Kaggle datasets.

MCP Server – Knowledge Management (07/2025 – 08/2025)

Developed a Python server for web scraping, embedding optimization with FAISS, and document comparison using cosine similarity. Technologies included Python, FAISS, and NLP tools.

ÉDUCATION

École Nationale Supérieure d'Arts et Métiers (ENSAM), Casablanca 2021-2026
- Integrated Preparatory Cycle
- Engineering Cycle in Artificial Intelligence and Computer Engineering

Groupe Scolaire La Pertinance 2020-2021
- Baccalaureate in Physical Sciences

INFORMATIONS COMPLÉMENTAIRES

Languages: English (Professional), French (Fluent), Arabic (Native)

Certifications: Agile Development & Scrum – IBM; Django Web Framework – Meta; Back-End Development – Meta; Version Control (Git, GitHub) – Meta; The Complete React Course – Udemy; Agile Project Management – IBM; Programming in Python – Cisco; GCP Digital Leader; AWS Academy Graduate – AWS Academy Cloud Foundations

Soft Skills: Problem Solving, Teamwork, Communication, Analytical Thinking, Adaptability, Continuous Learning

Office & Documentation Tools: Microsoft Excel, Word, Access, PowerPoint, LaTeX, Google Analytics, Survey Platforms