ABDERRAHMANE KASSIMI

Software Development and Information Systems Engineer

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EDUCATIONS ACADEMICS

Ecole Marocaine des Sciences de l'ingénieur,Rabat   **October 2023 – Present**
Engineer's Degree, Computer and Network Engineering

ALX Academy   **August 2023 – March 2025**
Alx Software Engineering

Specialized Institute Of Applied Technology NTIC,Beni Mellal   **April 2023 – May 2023**
Digital Infrastructure, Systems and Networks

Mohamed V Technical High School, Beni Mellal   **September 2020 – July 2021**
Bachelor's Degree, Computer and Network Maintenance

Specialized Institute Of Applied Technology NTIC,Beni Mellal   **September 2019 – July 2021**
Computer and Network Maintenance

PROFESSIONALS EXPERIENCES

Web Developer Intern   **August 2025 – September 2025**
Hydraulic Basin Agency of Oum Er-Rbia   Beni Mellal

- Built a web application with interactive mapping and real-time monitoring using Django & React.
- Improved decision-making with weather data integration (OpenWeatherMap API).

Web Developer Intern   **August 2024 – September 2024**
National School of Commerce and Management   Beni Mellal

- Developed and improved a slot & schedule management platform
- Optimized database performance and built dynamic user interfaces

System Administrator Intern   **April 2022 – May 2022**
Hydraulic Basin Agency of Oum Er-Rbia   Beni Mellal

- Resolved a critical incident on the main server
- Implemented a backup server and restored the system
- Configured printers and managed user access

ACADEMICS PROJECTS

E-Commerce Website   **May 2025 – July 2025**
Development of an e-commerce platform using Java and Spring Boot.

Banking Management System   **June 2025 – June 2025**
Development of a banking management system using Java and Spring.

Cloud CDN with Azure   **May 2025 – May 2025**
Configuration and deployment of a Content Delivery Network (CDN) on Microsoft Azure.

Virtualization with Master/Slave Communication   **May 2025 – May 2025**
Design and deployment of a virtualized infrastructure with Master/Slave communication.

Dental Office Management System (Desktop)   **December 2024 – January 2025**
Development of a dental office management system using Java and Java Swing.

Restaurant Management System   **December 2024 – January 2025**
Development of a restaurant management system using ASP.NET and React.

Restaurant Management System   **May 2024 – July 2024**
Development of a system using Python and Eel.

SKILLS

- Network & System Administration: Unix/Linux and Windows
- Development & Programming: Python, C++, C#, HTML, CSS, JavaScript, PHP, Java
- Frameworks: Java Spring Boot, React.js, Eel, Django
- Databases: Oracle, Microsoft SQL Server
- Methodologies & Collaboration: SCRUM, GitHub
- Modeling: UML, Merise
- Tools: Git, Shell, Sqlplus, SSMS, VS Code, PyCharm, Geany, VMware, Azure, PuTTY, PowerBI, IntelliJ IDEA
- Soft Skills: Teamwork, Time Management, Adaptability

ACTIVITIES

- Traveling
- E-sports
- Cooking

CERTIFICATES

- Oracle Database Administration 2019
- Microsoft Certified: Azure Fundamentals (AZ-900)
- CCNA
- MOS: Master in Microsoft Office 2016
- The Unix Workbench
- Programming for Everybody (Python)

LANGUAGES

- French: Fluent
- English: Technical (Intermediate)
- Arabic: Native