YASSINE BAGHDADI

Backend Developer & Systems Administrator
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SUMMARY

Backend Developer and Systems Administrator with 4+ years of hands-on experience building internal business applications and managing secure IT infrastructures. Strong background in Node.js, Linux systems, networking, automation, and virtualization. Known for delivering reliable solutions that improve performance, reduce costs, and automate manual operations.

TECHNICAL SKILLS

Backend & Development: Node.js, Express, REST APIs, JavaScript
Systems & Networking: Linux, pfSense, VPN, NAS, Virtualization
DevOps & Automation: Docker, Ansible, Git
Databases: MySQL
Scripting: Python, Bash

PROFESSIONAL EXPERIENCE

IT Developer – XCDM Maroc | Casablanca   July 2023 - Present

- Designed and maintained backend services using Node.js for internal platforms, improving application performance by 30%.
- Built secure and scalable RESTful APIs connecting frontend systems to backend services.
- Automated deployments using Docker and Ansible, ensuring consistency across environments.
- Optimized server infrastructure through virtualization, reducing hardware and maintenance costs by 20%.

Environment: Node.js, Docker, Ansible, pfSense, Linux, Git

IT Technician – SaccomXD | Oujda   July 2021 – June 2023

- Developed backend solutions for internal applications, increasing operational efficiency by 15%.
- Implemented pfSense firewalls and secure VPN connections to strengthen network security.
- Automated repetitive tasks using Python and Node.js, reducing manual workload by 25%.
- Collaborated with cross-functional teams to deploy scalable technical solutions.

Environment: Python, Node.js, VPN, SIP, GLPI, Linux, Git

IT Manager – Hadef Gaz | Guercif   Dec 2020 – June 2021

- Developed a salary and attendance management system with a Node.js backend.
- Set up local networking infrastructure and private FTP server for centralized data access.
- Automated administrative tasks using scripting, improving accuracy and saving time.

CERTIFICATIONS

- **Python Certificate – HackerRank**
- **DevOps Foundations – LinkedIn Learning**
- **CompTIA Network+ – LinkedIn Learning**
- **Command Line in Linux – Coursera**
- **Full-Stack Development Track – Udacity**

KEY PROJECTS

Home Lab Infrastructure (Personal Project)

- Designed and built a full home lab environment to simulate real-world enterprise infrastructure.
- Deployed Proxmox for virtualization, hosting multiple virtual machines and services.
- Configured TrueNAS for centralized storage, backups, and data management.
- Implemented networking, firewall rules, and secure remote access for services.
- Used this environment for testing automation, server administration, monitoring, and backup strategies.
- Gained hands-on experience in troubleshooting, performance tuning, and infrastructure reliability.

IndeBot – Automated Recruitment Data Tool

- Developed a scraping and automation tool to collect candidate data from job platforms.
- Stored structured data in MySQL, significantly reducing manual HR work.

Transport Management Application

- Built a mobile and desktop solution for route planning and fleet monitoring.
- Reduced fuel consumption and improved scheduling efficiency.

Assurance CRM

- Web-based CRM for lead management, contracts, revenues, and client interactions.

Alex-1.0 – Virtual Assistant (Graduation Project)

- Developed a lightweight virtual assistant demonstrating practical AI integration.

ADDITIONAL EXPERIENCES

Hack&Pitch Oujda (Weekend Hackathon 2020)

I participated as a developer in the high-energy Hack&Pitch Oujda event—a 36-hour hackathon dedicated to creating Minimum Viable Products (MVPs). The event brought together diverse talents, from developers and designers to marketers and innovators. It was a transformative experience, driving innovation and opening new horizons, all within the prestigious ENSAO school at Mohamed Premier University. An open event for all, it provided full support and culminated in a final jury presentation after two days of non-stop coding and collaboration.

StartUP Maroc Competition (Startup Weekend Nador 2019)

I joined the StartUP Maroc competition at Startup Weekend Nador 2019. In just 54 hours, we transformed an idea into a working startup—a true test of our entrepreneurial skills and creativity. This event, organized by Startup Maroc and the Netherlands Embassy, offered a dynamic environment for innovation and problem-solving, strengthening my ability to thrive under pressure and collaborate effectively.