NADA AZNAK

As a student in Cloud Computing and Virtualization, passionate about technological innovation, I am actively seeking a 4 to 6-month internship. With sharp skills, a keen analytical mind, and a strong commitment to excellence, I am eager to thrive in a dynamic professional environment.

CONTACT

- +212 6 82670050
- nada.aznak@uir.ac.ma Rabat, Morocco
- http://linkedin.com/in/nada-aznak-672aa3303
- https://github.com/nada12-b

PERSONAL SKILLS

- Communication
- Decision-making
- Collaboration
- Results-oriented
- Problem-solving
- Critical thinkin
- Intellectual curiosity

TECHNICAL SKILLS

- Programming : Python, C, JavaScript, TypeScript, Java, SQL
- Web/Mobile Development : HTML, CSS, React, Angular,Node.js, Express, RESTful APIs, Redux, CSS Modules, Flutter
- Cloud Computing and Virtualisation : Azure, AWS, Google Cloud,Serverless, DevOps
- Data Management: SQL, NoSQL (MongoDB, MySQL), Cloud Data Warehousing, Big Data, BI (Business Intelligence)
- Architecture Cloud : Microservices, API RESTful, Serverless Architectures, Cloud Native Applications
- Cloud Networks and Systems: SDN, Linux, Windows, Virtualisation (VMware)
- Tools and Technologies : Git, Docker, Kubernetes,, Azure DevOps, Cloud Functions

CERTIFICATION

- AWS Academy Cloud Foundation
- AWS Academy Cloud Architecting
- AWS Academy Cloud Web Application Builder
- Endpoint Security Cisco
- Introduction to Data Science Cisco
- Introduction to IoT Cisco
- Networking Basics Cisco
- Agile project Managment HP LIFE

LANGUAGES

- Frensh
- Spanish
- Arabic
- English

PROFESSIONAL EXPERIENCE

- **Introductory Internship – Amendis**   August 1, 2023 – August 31, 2023

  Developed an intervention management application using PHP and MySQL. Contributed to database modeling and network maintenance. Gained familiarity with technical support tools and ITIL best practices.

- **Technical Internship – EQDOM**   July 2024 – August 2024

  Developed a web and mobile credit simulation application using React Native, Angular, and Spring Boot. Implemented key features including amortization calculation, PDF export, WhatsApp sharing, and transaction history. Followed Agile/Scrum methodology with Jira for project management and ensured secure integration through Keycloak (SSO authentication).

- **Internship – CNRST**   June 2025 – August 2025

  Analyzed NAS Parallel Benchmark (NPB) results to assess system performance. Identified consumption trends, task types, and resource utilization patterns. Designed an interactive dashboard for data visualization. Studied computational workloads executed on the CNRST HPC infrastructure and formulated recommendations to improve resource allocation and optimize future performance.

EDUCATION

- **International University of Rabat**

  ESIN - Engineering in Cloud Computing & Virtualization 2023-2026

- **International University of Rabat**

  ESIN - Integrated Preparatory Cycle in Computer Engineering 2021-2023

- **BARAIM EL-RAZI High School, Tetouan**

  Bachelor's Degree in Physical and Chemical Sciences

PROJECTS

- Study Room Utilization Optimization
  Development of an IoT system to automate the management of lighting and ventilation based on room occupancy, with a dashboard for scheduling classes.
- Therapy Booking System
  Platform for booking therapy sessions, integrating email notifications, automatic reminders, and appointment management. Utilized Azure.
- E-commerce Platform
  Creation of an e-commerce platform using React, TypeScript, and MySQL, allowing for user, order, and product management.
- Mental Health Consulting Platform
  Development of a website offering therapy services with AI integration, enabling users to receive text or video responses from messages or audio recordings.
- AI-Powered Mental Health Advisor
  Creation of an intelligent virtual assistant integrating an AI chatbot and an interactive avatar via Azure Cognitive Services and D-ID. Voice recognition and audio transcription to provide accessible and natural psychological support.
- AWS Migration Project
  Execution of a cloud migration project to AWS, focused on scalability, cost optimization, and reliability.
- Cloud Data Warehousing – Distributed Database System
  Implementation of a distributed database across multiple simulated sites (Oracle + MobaXterm). Application of horizontal and vertical fragmentation techniques and reconstruction of global tables in a Cloud DWH environment.