

# NISRIN BOUKHARI

📍 Ben Guerir, Morocco 📞 +212 680632736 ✉️ nisrinboukhari19@gmail.com 🔗 LinkedIn 🐙 GitHub

## PROFESSIONAL EXPERIENCE

### UM6P DEV – Direction of Entrepreneurship & Venturing,

Mar 2025 – Sep 2025 | Benguerir, Morocco

Full-Stack Developer Intern

- Built and shipped a scalable web platform using **Next.js** (SSR/CSR), **TypeScript**, **Prisma ORM**, and **Tailwind CSS**, adopting a modular architecture that reduced onboarding time for new engineers.
- Designed and optimized a relational data schema with Prisma, improving query efficiency and reducing average API response time across core data access paths.
- Engineered a reusable component library in **Figma** aligned with an existing design system, cutting design-to-development handoff time and reducing UI inconsistencies.
- Drove feature delivery end-to-end, from requirements gathering with stakeholders to code review on GitHub, decreasing rework cycles through clearer acceptance criteria and better cross-functional communication.
- Applied UI/UX best practices to identify and implement interface improvements, measurably elevating usability across key user flows.

## PROJECTS

### Hypertube, Next.js · TypeScript · Django · PostgreSQL · Redis · Celery · Docker

- Built a full-stack movie streaming platform supporting content discovery, streaming, subtitle management, and user authentication, designed to handle high-volume media workflows.
- Architected scalable RESTful APIs and distributed background-processing pipelines using **Celery** and **Redis**, automating metadata ingestion, subtitle acquisition, and scheduled maintenance, reducing manual intervention.
- Integrated multiple third-party content and subtitle providers with caching layers and fault-tolerant fallback strategies, maximizing content availability and data reliability under API failures.
- Containerized and orchestrated the full application stack using **Docker Compose**, coordinating web services, databases, message brokers, and workers in a reproducible microservice environment.
- Optimized platform responsiveness through async execution, background job offloading, and efficient database access patterns.
- Delivered features iteratively in a multi-developer **Agile** environment using Git workflows and code reviews.

### BGP-EVPN/VXLAN Datacenter Fabric, BGP · EVPN · VXLAN · OSPF · Infrastructure Scripting

- Designed and deployed a leaf-spine datacenter fabric using **BGP EVPN/VXLAN**, enabling L2/L3 network virtualization across multiple tenant segments.
- Implemented an EVPN control plane with Route Reflectors, iBGP sessions, and OSPF underlay routing, achieving efficient route distribution, tenant isolation, and fast network convergence.
- Built VXLAN overlays and configured anycast gateway services to support multi-tenant workloads and seamless workload mobility.
- Automated network provisioning and validation workflows via infrastructure scripting, improving deployment consistency and reducing configuration errors.

## EDUCATION

### 1337 CODING SCHOOL - UM6P, Software Engineering / Computer Science

Oct 2022 – present | Ben Guerir, Morocco

Peer-to-peer engineering school known for rigorous project-based curriculum. Completed 20+ projects spanning software engineering, cloud infrastructure, networking, and distributed systems. Coursework: Programming Fundamentals, Web Development, Algorithms.

### University Ibn Tofail

Sep 2018 – Jun 2020 | Kenitra, Morocco

University - IT, SMI

Relevant Coursework: Computer Science, Algebra, Mathematics, C Programming.

## SKILLS

**Languages & Frameworks:** C, C++, Python, JavaScript, TypeScript, SQL, Django, React.js, Next.js, Tailwind CSS

**Infrastructure & DevOps:** Docker, Kubernetes, K3s, K3d, Vagrant, Argo CD, CI/CD, GitOps

**Databases:** PostgreSQL, Redis, Prisma ORM

**Tools & Design:** Git, GitHub, Figma, UI/UX Design

**Concepts:** Full-Stack Development, Microservices, Container Orchestration, RESTful APIs, Async Processing, OOP

## PROBLEM SOLVING

- LeetCode** (@niboukha) — Solved **299+ problems** spanning Arrays, Strings, Hash Tables, Binary Search, and Dynamic Programming. Badges: 100 Days (2025) · 50 Days (2025) · 50 Days (2024) · SQL 50

## LANGUAGES

English | Arabic