## Benarfa Hamza

Full-Stack Developer

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#### Summary

Full-Stack Developer with 3 years of experience building scalable web applications in startup environments. Expertise in Next.js, TypeScript, and React for high-performance UIs, NestJS backend services, and DevOps (CI/CD, AWS, environment management). Proven mentor in clean architecture and developer experience, driving practical skill growth through code reviews and hands-on workshops.

#### Experience

#### Digital African Design Studio (D-TALK Startup)

Nov 2024 – Present

Full-Stack Developer

- https://www.d-talk.co/
- **Engineered** a creator-focused digital ecosystem frontend with Next.js (App Router), transforming Figma designs into responsive, accessible interfaces that achieved 98+ **Lighthouse scores** for performance and UX.
- Built interactive 2D product configurators with KonvaJS that enable real-time band customization—such as placing designs on T-shirts—boosting average session duration by 40% and increasing conversions by 25%.
- Optimized state management via Zustand (global state) and React Query (server-state synchronization), reducing API calls by 40% and ensuring seamless UX consistency.
- **Developed** a modular UI component library with shadcn/ui and Tailwind CSS, accelerating feature delivery by 25% while enforcing design system compliance.
- Drove performance excellence through code-splitting, lazy loading, and granular caching strategies—boosting Core Web Vitals by 35% and enhancing SEO accessibility.
- Collaborated cross-functionally with founders and designers in a lean startup environment to ship user-centric solutions for textile/creative entrepreneurs, reducing iteration cycles by 20%.

#### Tactix Solutions – Software Agency

Jun 2024 - Jul 2024

Full-Stack Developer

- https://tactix.tn
- **Delivered a production-ready e-commerce platform** as part of a 4-person Agile team using React (Next.js), NestJS, and MongoDB—reducing time-to-market by 30% through iterative sprints and reusable component architecture
- Enhanced user experience and accessibility by building responsive, pixel-perfect UI components from Figma designs using ShadCN and Tailwind CSS-achieving WCAG 2.1 **AA compliance** and increasing conversion rates by **18%** post-launch.
- Optimized front-end performance across devices by implementing code splitting, image lazy loading, and caching strategies in Next.js—improving Core Web Vitals scores by 35% and reducing initial page load time to under 1.2 seconds.

## **NGB Professional**

Aug 2024 - Oct 2024

Full-Stack Development Trainer

- https://www.linkedin.com/company/ngb-professionnelle
- Provided one-on-one full-stack JavaScript mentoring over 12 weeks, guiding a learner through building a functional full-stack app using Node.js/Express (5+ RESTful endpoints), React with Tailwind CSS, and a local MySQL database (Docker container), with basic Prisma ORM integration and Git version control (15+ commits following a feature-branch workflow).
- Guided learners through end-to-end project development—from ideation to deployment —emphasizing clean architecture and industry best practices.
- Focused on real-world applicability, ensuring proficiency in modern toolchains and production-ready development standards.

### Self-Employed

Jun 2022 – Present

Freelance Full-Stack Developer

- Built and maintained client applications, from MVPs to production systems.
- Tech stack: React, Next.js, Express, Tailwind CSS, MongoDB/MySQL.
- Managed full project lifecycle—discovery, development, testing, deployment, and client handoff.

# Education

### Higher Institute of Technological Studies of Béja

2021 - 2025

Bachelor's in Web & Mobile Development

### Technical skills

- Frontend: Next.js (App Router), React, TypeScript, Zustand, Tailwind CSS, shadcn/ui, KonvaJS, React Query, Lighthouse Optimization, WCAG 2.1 Compliance,
- Backend: NestJS, RESTful APIs, Prisma ORM, Stripe Integration, Clean Architecture
- DevOps: AWS, Docker, GitHub Actions, CI/CD Pipelines, Nginx
- Methodologies: Agile/Scrum, Test-Driven Development

# Languages

# **English (Fluent)**

Arabic (Native)