Heni Yangui

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Java, Python, C#, Kotlin, Dart, Lua, HTML, CSS
Frontend Development: Vue, Nuxt, React, Next.js, Angular, Flutter, React Native
Backend Development: Node.js, Express, Nest, tRPC, .NET, Shopify, Prisma, Web Scraping
Databases: MongoDB, SQL, PostgreSQL, MySQL, Redis
Networking: WebSockets, GraphQL, REST APIs
DevOps & Testing: Jest, Git, Docker, CI/CD, GitHub Actions
Cloud Services: Azure, AWS, GCP, Firebase

PROFESSIONAL EXPERIENCE

Software Engineer, *Jobflow GmbH*　🔗   Mar 2024 – Present
- Developed key features for mobile and web platforms using React and React Native, reaching over 10,000 users.
- Engineered type-safe backend systems with tRPC, Prisma, and PostgreSQL, and led testing initiatives with Jest to ensure high code reliability.
- Ranked as the top contributor in the team for over three months, with a record number of +50 merged PRs.

Junior Software Engineer, *Dink*　🔗   Apr 2023 – Mar 2024
- Built a customizable pickleball paddle product using Nuxt, Shopify, Node.js, and Firebase, that achieved a 9% conversion rate.
- Integrated real-time visualization capabilities with Three.js for 3D models and the Canvas Web API for image previews.
- Applied performance optimization strategies, resulting in a 40+ point improvement in Lighthouse score.

Full-Stack Engineering Intern, *Purpose GmbH*　🔗   Jul 2022 – Mar 2023
- Led the implementation of best practices and standards for front-end development using Next.js and TypeScript.
- Enhanced user experience and engagement by developing key features like rich text editors and scheduling solutions integrated with Google Calendar.

PROJECTS

Platform for Volunteering in Sustainable Development Missions, *Goodle*　🔗   Mar 2024
- Established a scalable backend architecture using Clean Architecture and DDD, focusing on design patterns and best practices for maintainability.
- Engineered a three-tier system with .NET, PostgreSQL, and Next.js, leveraging Docker and GitHub Actions for CI/CD.

Web-Based Image Editing and Optimization Tool, *Resize.com*　🔗   Dec 2023
- Crafted a modern web application for resizing, compressing, and editing images using Nuxt and Vue.
- Implemented advanced SEO techniques, leading to first-page rankings for targeted keywords and over 7260 monthly visits to the site.

Project Management Mobile App, *Junior Entreprise INSAT*　🔗   Jan 2022
- Led a Scrum team of 5 in the development of a mobile app using Flutter, Express.js, and MySQL.

Club Website and Content Management System, *INSAT Android Club*　🔗   Sep 2021
- Developed a club website with Next.js, featuring a modern, responsive, and user-friendly design.
- Built a bespoke CMS and form builder that syncs with Google Sheets and MongoDB, significantly boosting team productivity.

Web Platform for Anime Shows and Watch Parties, *TEIA*　🔗   Apr 2020
- Crafted a feature-rich platform for watching shows, powered by the MEVN stack, WebSockets, and Web Scraping.

EDUCATION

National Engineering Diploma in Software Engineering,   2020 – 2025 │ Tunis, Tunisia
National Institute of Applied Science and Technology　🔗
- Ranked 1st for the Software Engineering track, out of more than 400 students.

Relevant Courses: Algorithms and Data Structures, Dynamic Programming, Logic, Databases, OOP, Networking and Protocols, Distributed Systems, Software Architecture, Testing, Cloud and DevOps, Web Development, Mobile Development

ADDITIONAL

Languages: English (Fluent), French (Conversational), Arabic (Native)