

Henri Yangui

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PROFESSIONAL EXPERIENCE

Software Engineer, *Amplemarket*  Jan 2025 – Present

- Contributed to the design and implementation of backend systems powering core sales workflows, tackling challenges in data modeling, asynchronous processing, and distributed systems.
- Improved production reliability through on-call investigations, PostgreSQL query and index optimization, and better monitoring and alerting.
- Delivered features across backend services, the web application, and the Chrome extension, leveraging LLMs and AI agent workflows to accelerate development across the stack.

Software Engineer, *Jobflow GmbH*  Mar 2024 – Dec 2024

- 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.

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 that resulted in a 40+ point improvement in Lighthouse score.

Full-Stack Engineer, *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.

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

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Ruby, Python, Java, Dart, Lua

Frontend Development: React, Next.js, Vue, Nuxt, React Native, Flutter, HTML, CSS, Vite, Chrome Extensions

Backend Development: Ruby on Rails, Node.js, Express, NestJS, tRPC, Kafka, Temporal.io, Sidekiq, AnyCable

Databases: PostgreSQL, MongoDB, MySQL, Redis, Elasticsearch

Networking: WebSockets, GraphQL, REST APIs

DevOps & Testing: Docker, Kubernetes, CI/CD, GitHub Actions, Git, Prometheus, Grafana, Jest, Vitest, RSpec

AI-Assisted Development: Codex, Claude Code, Cursor, MCP

ADDITIONAL

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