

NICOLAS COR FAYE

FULL-STACK DEVELOPER | CLOUD & DEVOPS ENTHUSIAST

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PROFILE

A passionate, results-driven full-stack developer with over 3 years of experience in designing and building end-to-end web applications (front-end and back-end). Strong expertise in Golang, JavaScript, TypeScript, and React. Driven by a commitment to continuous learning and motivated to contribute to high-performance, high-impact web projects. Committed to code quality, teamwork, and delivering user-centered solutions.

PROFESSIONAL EXPERIENCE

Full-Stack Developer, 01Edu

Nov 2024 - Present

Remote

- *Tournament* - A platform where developers compete by coding AI systems to play games
 - Contribution to the development and maintenance of Tournament :
 - Creating reusable UI components with React, TypeScript, and Tailwind CSS, reducing page development time
 - Optimizing key screens to improve load times and the user experience.
 - Migration of three game AIs (Awale, Bomberman, UTTT) to WebAssembly via Zig,
 - Implementation of public tournament pages with filters and pagination
 - Full management from the organizer's perspective (tournament creation, configuration, match replays), and fixes for critical bugs in the code playground
 - Improving quality and reliability through automated testing and close collaboration with the team
 - Stack: TypeScript - Deno - Preact - Zig - REST API
- *License Hub* - Internal license management platform for 01Edu services
 - Complete redesign of the user interface (UI/UX)
 - New consistent color scheme, redesign of the main pages (home, project view, licence information)
 - Improved navigation, light/dark mode support
 - Improving the readability of components (pagination, tables, status indicators)
 - Stack: TypeScript - Preact - Tailwind CSS - DaisyUI - Deno - SQLite

Web designer (stage), LOUMATE

Aug. 2022 To Oct. 2022

On Site

- Development of an e-commerce website using WordPress and WooCommerce. Customization of themes and plugins using PHP, HTML, and CSS.
- Implementation of SEO improvements (Yoast, on-page best practices) to increase organic visibility
- Creating visuals using Figma, Photoshop, and Canva to improve usability and conversion rates
- Design of an Excel-based inventory tracking system with dashboards and formulas for automated reporting

FORMATION

ISI (Institut Supérieur d'Informatique)

Nov. 2025 - Présent

Bachelor's degree in software engineering (in progress)

Zone01 Dakar

Mar 2023 to Nov. 2024

Junior Full-Stack Developer Program (École 42 Model)

A project-based program focused on peer learning, with an emphasis on algorithms, software engineering, and databases. Development of solutions using Go, JavaScript, and Rust; delivery of high-performance web applications and real-time systems. Pool (intensive selection bootcamp): 4 weeks of programming challenges; selection based on competitive evaluation. Focus: Go, Shell, Git.

ENSUP Afrique

Oct. 2021 To Jan. 2022

Certificate of Professional Specialization (CPS) – Web & Mobile Development, Dakar

Babacar Cobar Ndao High School

Baccalauréat (S2 – Sciences), Kafrine

July. 2019

TECHNICAL SKILLS

- Go (Golang)
- Next.js
- SQL
- Docker
- CSS3
- Shell/Bash
- Docker
- Git - Github - Gitlab
- Grafana
- TypeScript
- Preact
- PostgreSQL
- Git
- WordPress
- Java
- Ansible
- Vagrant
- Nexus
- JavaScript
- Deno
- MySQL
- Tailwind CSS
- WooCommerce
- SpringBoot
- Kubernetes
- CI/CD
- React
- Node.js
- MongoDB
- HTML5
- Figma
- Terraform
- Prometheus

LANGUAGE

- French - Fluent
- English - B1 (Intermediate)