

# Henry Nyator

Frontend & Mobile Developer

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## PORTFOLIO

<https://henry-portfolio-2.vercel.app/>

## SUMMARY

Results-driven Frontend / Mobile Developer with a track record in leading and developing user-friendly products. Ability to manage and collaborate with cross-functional teams to deliver high-quality results. Skilled in Web Development, NodeJS, UI/UX designing, prototyping, and visual design. Seeking a challenging position in a fast-paced environment where I can use my skills to make a positive impact.

## WORK EXPERIENCE

### PN Creatives, Accra, GH — Web Developer

May 2023 - June 2025

Developed and maintained high-traffic websites, regularly visited by company clients and customers. Engineered customer-centric features that enhanced user experience and significantly increased revenue.

### Katon 360, Accra, GH — Intern

June 2024 - August 2024

Played a key role in enhancing product quality by developing test cases and wireframes, contributing to improved product design and efficiency across teams.

Collaborated with a team of product designers on user flow optimisation for 360 Classroom software.

Collaborated with a team of data analysts on gathering and cleaning data for TLMS Global.

## EDUCATION

### University of Professional Studies, Ghana — BSc. Information Technology Management

AUG 2021 - AUG 2025

Studied Information Technology Management, which touches Business in IT and Technical skills (Programming, Web development, Database Management, Software quality management, etc.)

## PROGRAMMING LANGUAGES & FRAMEWORKS

Javascript, Python, Flask, React, NodeJS, React Native, PostgreSQL, MongoDB, Docker, Tailwind, ExpressJS, HTML, CSS.

## TOOLS AND PLATFORMS

Figma, Figjam, SQL Workbench, VS Code, Webstorm, Github, Slack, Notion, Jira, Photoshop, MongoDB Compass.

## OTHER SKILLS

UI/UX Design, Design Systems, Visual Design, Quality Assurance, Prototyping.

## SOFT SKILLS

Leadership, Teamwork, Fast learner, Ability to work independently, Attention to detail.

## PROJECTS

### Entrynest — *Internship & Job Portal Web App ( Final Year Project )*

**Role:** Full-Stack Developer

**Tech Stack:** React.js, Node.js, Express, MongoDB, Tailwind CSS, JWT, REST API.

Developed a full-stack web application to help graduates and students in Ghana discover internships and entry-level job opportunities.

- Built responsive, user-friendly front-end interfaces using **React.js** and **Tailwind CSS**, ensuring accessibility across devices.
- Designed and implemented RESTful APIs with **Node.js** and **Express**, and structured data storage using **MongoDB**.
- Integrated **user authentication and authorisation** using **JWT**, enabling secure access for students, employers, and admins.
- Engineered role-specific dashboards:
  - **Employers:** Post jobs, manage listings, and view applications.
  - **Students:** Apply for jobs, manage profiles, and track application status.
  - **Admins:** Oversee platform users and content moderation.
- Ensured robust **form validation**, **error handling**, and data integrity across the stack.
- Used **Git** and **GitHub** for version control, enabling collaborative and scalable development.

### Stembit — *Music Performance Utility App*

**Role:** Full-Stack / Mobile Developer

**Tech Stack:** React Native, Expo, TypeScript, NativeWind (Tailwind CSS), Docker, Appwrite, Moti, Animated API

- Designed and developed a **mobile app** to help musicians manage practice and performance sessions.
- Built multiple functional modules:
  - **Metronome:** Drift-corrected beat timing, custom time signatures, tap tempo, and visual beat indicators.
  - **Loop Player:** Play, pause, and adjust BPM for loops, with a visual playback interface.
  - **Pads:** Trigger sound samples in major/minor keys with looping and stop controls.
  - **Session Manager:** Create, edit, and navigate performance setlists.
- Used **React Native with Expo** for cross-platform mobile development and **NativeWind** for responsive UI styling.
- Implemented **secure user authentication** and profile management with **Appwrite** backend services.
- Packaged the application along with all its dependencies into a container using **Docker**.
- Added smooth animations and transitions using **Moti** and the **Animated API** for a better user experience.
- Wrote reusable, modular components in **TypeScript**, improving maintainability and scalability.

## **NetSpeed** — *Cross-Platform Network Speed Monitor*

**Role:** Full-Stack / Mobile Developer

**Tech Stack:** React Native, Expo, TypeScript, NativeWind (Tailwind CSS), React Native Reanimated, Expo Router, React Native NetInfo

- Built a **cross-platform (iOS, Android, Web)** mobile app using **React Native** and **Expo** for real-time network speed monitoring and display.
- Implemented **NativeWind (Tailwind CSS)** for a modern and consistent UI across platforms, with responsive design and clean styling.
- Integrated **React Native Reanimated** and **Expo Router** to create smooth navigation and interaction flows.
- Utilised **React Native NetInfo** to detect and render live network connectivity and speed information accurately.
- Developed the app in **TypeScript**, enhancing code quality, maintainability, and developer tooling support.
- Maintained a clean project structure with modular components for reusability—assets, components, configuration files, and app entry points are well-organised.

## **PN Creatives Website** — *Creative Agency*

**Role:** Frontend Developer

**Tech Stack:** React, Vite, Tailwind CSS, Framer Motion, React Router, Strapi CMS.

- Built a **responsive business landing page** tailored for PN Creatives using **React** and **Vite** for efficient development setup and fast builds.
- Implemented **component-based architecture**, splitting UI logic into modular, reusable components using React.
- Styled the site using **Tailwind CSS**, delivering a clean, modern aesthetic and ensuring mobile responsiveness.
- Prepared for dynamic routing with **React Router** for future expansion into SPA pages.
- Built a **portfolio and services showcase** alongside a contact/booking form structure, enabling user interaction and engagement.
- Added optional **animations via Framer Motion**, enhancing UX with motion-driven interactions.
- Ensured project scalability through a clear file and project structure, including separate **components**, **assets**, and **constants** directories.