

# Henry Agu

## FRONTEND ENGINEER

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### PROFESSIONAL SUMMARY

I'm a frontend engineer with 3 years of experience building web applications using HTML, CSS, SCSS, TailwindCSS, JavaScript, React.js, Next.js, and Vue.js. I have a proven ability to develop and implement intuitive and performant web applications. Skilled in creating pixel-perfect UIs with attention to detail and adherence to best practices in web development.

### EDUCATION

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**B.sc. Computer Science**

Rivers, Nigeria

*University of Port-Harcourt*

### SKILLS

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**Technical skills:** HTML5, CSS3, SCSS, Tailwind, Bootstrap, JavaScript, TypeScript, Node, React, Next, Vue, Context API, Redux, Redux toolkit, Axios, React Query, Tanstack Router, React Hook Form, Formik, Jest, REST API, GraphQL API, Sanity, Supabase and Firebase.

**Tools:** Figma, Slack, Notion, GitHub, and Git.

### PROFESSIONAL EXPERIENCE

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**Frontend Engineer - Antigravity Group**

**Aug 2024–Oct**

**2024**

- Developed multiple invoice design templates for employers to choose from.
- Developed a dynamic payroll feature that allows employers on the platform to choose from multiple invoice design templates based on their preferences.

- Designed and implemented an attendance dashboard for Super Admins to monitor user activity across multiple administrative roles, improving oversight efficiency.
- Integrated geolocation features into the frontend using mapping libraries like the Google Maps API, enabling spatial interaction and enhanced user engagement.
- Built a feature to track employee clock-in and clock-out activity based on IP address and geolocation, using Google Maps for location verification.
- Implemented data visualizations using ApexCharts to display key attendance insights and trends on dashboards.

**Frontend Engineer** *Wigxel Corp*

**Feb 2024–August 2024**

- Built a dynamic dashboard layout using TanStack Router and Vite to efficiently render and manage multiple pages in a fast, modular frontend environment.
- Developed responsive front-end interfaces using Next.js and Tailwind CSS.
- Utilized Zod for robust form validation, ensuring type-safe and reliable user input handling.
- Implemented sorting and search functionality on the market page using ShadCN UI components for a streamlined and responsive user experience.
- Developed the "Add to Cart" feature, enabling seamless product selection and cart management for an improved shopping experience.

**Web Developer Intern** *Loctech*

**January 2022–September 2022**

- Completed intensive training in JavaScript, CSS, and React.js, gaining proficiency in front-end development.
- Developed a Computer-Based Testing (CBT) exam platform as a final project, enabling efficient exam creation, management, and real-time student performance tracking.
- Taught summer classes for kids, introducing them to technology through web development, fostering early interest in coding and problem-solving.

## PERSONAL PROJECTS

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### Candyman-store

*REST API, Shadcn UI, Next.js, Typescript, React Query, and Tailwind.*

- Developed responsive front-end interfaces using Next.js, shadcn UI, and Tailwind CSS.
- Integrated Context API and React Query to manage client and server state effectively.
- Integrated ShadCN UI components into the cart section, enhancing the user interface with responsive and customizable elements for improved cart management.
- Integrated Paystack and its webhook as the payment service provider for product purchases.

### Agu-finance

*Next.js, Typescript, Tailwind CSS, and Redux toolkit*

- Developed responsive frontend interfaces using Next.js and Tailwind CSS.
- Implemented Redux toolkit to manage client-side states.
- Utilized local storage to persist cart data across page refreshes, ensuring a seamless user experience by preventing data loss during navigation.

### Sir Patrick

*Vite, Typescript, Sanity CMS, Context API, Shadcn UI and Tailwind CSS*

- Developed responsive frontend interfaces using React, Sanity, Supabase, Context API, Tailwind CSS.
- Developed a dynamic blog platform using React and Tailwind CSS, with structured content managed through Sanity CMS.
- Integrated Supabase for real-time data storage, enabling user-generated content and secure access.

- Utilized Context API for efficient global state management, ensuring smooth user experience and consistent data flow across components.

### **Positivus**

*Vue, Vite, and Tailwind CSS*

- Developed responsive frontend interfaces using Vue.js and TailwindCSS.
- Applied Vue.js best practices to map through data and dynamically render content, ensuring efficient and maintainable component rendering.