

ATTAH KELECHI

Frontend Developer

+2348125861997 | attahkelechi97@gmail.com | Osun, Nigeria | [LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Frontend developer with hands-on experience building accessible, responsive web applications from scratch to production. Skilled in React, Next.js, Vue 3, Angular 17+, and vanilla JavaScript, with a strong focus on semantic HTML, ARIA accessibility, and WCAG AA compliance. Participated in the HNG Frontend Internship (2026), where I have built and deployed a full Invoice Management App, interactive Todo components, and a Profile Card, all with production-level code quality, Git version control, and Vercel CI/CD. Also experienced in backend API development (Node.js, PostgreSQL), IoT systems, and 3D web graphics. Maintains First Class honours (CGPA 4.79/5.0) at Redeemer's University.

TECHNICAL EXPERIENCE

Frontend Developer Intern — HNG Internship Programme

April 2026 – Present

Remote | github.com/Kaycee-attah/HNG_Internship_2026

- Built a fully accessible, WCAG AA-compliant Todo Card component with dynamic time tracking, status transitions, and all required ARIA attributes — [Stage 0 Live](#)
- Extended the Todo Card into a fully interactive stateful component with inline edit form, collapsible description, priority indicators, overdue detection, and synchronised status controls, all keyboard navigable with correct Tab order — [Stage 1a Live](#)
- Built a responsive Profile Card component with live epoch time display (updating every second), semantic HTML structure, and layout adapting from mobile-stacked to tablet side-by-side — [Stage 1b Live](#)
- Designed and built a full Invoice Management Application in React with complete CRUD, form validation, draft/pending/paid status flows, localStorage persistence, light/dark mode with zero flash, and WCAG AA colour contrast verified across 21 colour pairs in both themes — [Stage 2 Live](#)
- Deployed all projects to Vercel via GitHub CI/CD, every push to main automatically redeploys all live URLs
- Diagnosed and fixed critical React bugs including Hook order violations causing app crashes, focus loss on keystroke due to component re-creation inside render, and ESC-key listener instability from unstable function references
- Identified and fixed a WCAG AA colour contrast failure (4.37:1 on primary action button, below the 4.5:1 minimum) by calculating a mathematically verified replacement colour
- Passed all automated test criteria for Stage 0 and Stage 1 tasks, including precise data-testid matching, keyboard navigation order, and accessibility compliance

Frontend Engineer — Oneflare Technologies

March 2026 – Present

Remote

- Developed and integrated 11 live report pages for a Hotel Management System using Next.js 14 and TypeScript, including Occupancy Ratio, Staff Sales, Daily Sales, Taxation, and Expenses reports, each with date-range filtering and CSV export
- Authored 30+ custom TanStack Query hooks for CRUD operations, server-side pagination, search filtering, and blob-based CSV exports across 9 operational modules
- Built the central Reservations Board with real-time status management, Check In/Check Out workflows, Services and Payment panels, and Postpone/Cancel/No Show modals wired to live REST APIs
- Enforced frontend architecture standards across a large codebase: centralised Axios via a custom HotelAPI wrapper, typed mutation/query key constants, standardised error handling, and a reusable ConfirmDeleteModal replacing all native browser dialogs
- Diagnosed and resolved 12+ production bugs including API payload mismatches, stale query cache issues, and incorrect endpoint paths across Rooms, Warehouse, Wallet, and Housekeeping modules
- Implemented inline category creation in AddWarehouseItemModal, a stacked modal (z-index managed) letting users create and auto-select categories without leaving the item creation flow

Web Development Intern — HNG Internship

September 2023 – October 2023

Remote

- Engineered responsive websites using React, GSAP, and Three.js, implementing scroll-triggered animations and interactive 3D elements

- Developed mobile-first applications with CSS Grid and Flexbox, improving mobile engagement by 40%
- Built RESTful APIs and integrated third-party services following industry best practices
- Implemented component-based architectures with reusable UI patterns and design system principles

SIWES Intern — ROLOF Institute of Management and Technology

July 2024 – September 2024

Delta State, Nigeria

- Prototyped IoT systems including obstacle avoidance devices using Ultrasonic sensors and motor shields
- Engineered automated water irrigation system integrating soil moisture sensors with relay-controlled pumps
- Programmed embedded systems using C++ and Python for real-time data processing

TECHNICAL PROJECTS

Invoice Management App — HNG Stage 2 [Live Demo](#)

React · Vite · CSS Custom Properties · useReducer · useContext · localStorage

- Full CRUD with localStorage persistence; three-status workflow: Draft → Pending → Paid with correct one-way transitions
- Comprehensive form validation: required fields, email regex, positive numbers, at least one line item required
- Light/dark mode toggle with zero flash on reload (synchronous localStorage init); WCAG AA colour contrast verified mathematically across 21 colour pairs in both themes
- Accessible delete modal with focus trap, ESC key close, backdrop click, and auto-focus on open, no external library
- Fully responsive across 320px / 768px / 1024px+ with explicit breakpoints; clean component architecture (InvoiceListPage, InvoiceDetailPage, InvoiceForm, StatusBadge, FilterDropdown, DeleteModal)

Advanced Interactive Todo Card — HNG Stage 1a [Live Demo](#)

HTML · CSS · Vanilla JavaScript · ARIA

- Inline edit form with Save/Cancel, focus management, and state snapshot for reliable Cancel behaviour
- Collapsible description with aria-expanded/aria-controls keyboard-accessible toggle; granular time display updating every 30 seconds ("Overdue by 2h 30m", "Due in 45 min")
- Status, checkbox, and dropdown synchronised through a single render() function; correct Tab order enforced via DOM structure

Profile Card — HNG Stage 1b [Live Demo](#)

HTML · CSS · Vanilla JavaScript · ARIA Live Regions

- Live epoch time in milliseconds updating every second with aria-live="polite"; full semantic HTML (article, figure, figcaption, nav, section, time with datetime attribute)
- Responsive layout: stacked on mobile, avatar-left + content-right on tablet/desktop; all social links keyboard accessible with descriptive aria-label values

Fuege — 3D Furniture Customizer [Live Demo](#)

Vue 3 · Pinia · Three.js · Flutterwave · Netlify

- Real-time 3D furniture customizer with material/texture swapping at 60fps; 3D model load time reduced from 8s to 1.2s via lazy loading and texture caching
- Integrated Flutterwave payment gateway (cards, bank transfer, USSD, Naira pricing); 95+ Lighthouse scores across all devices

Sales Analytics Dashboard [Live Demo](#)

Angular 17+ · Chart.js · GitHub Actions · CSS Variables

- Dynamic dashboard with standalone components and Signals for reactive state; interactive Chart.js visualisations with click-to-filter
- Automated CI/CD via GitHub Actions; light/dark theme switching; advanced filtering, CSV export, and real-time search

BloodWorth — Blood Donation Platform [Live Demo](#) (Hackathon)

- Full-stack web platform connecting blood donors with recipients, built under hackathon time constraints with donor registration, blood type matching, and request management features

Insighta Labs — Demographic Intelligence API

Node.js · Express · PostgreSQL · Axios · Railway

- Production-grade REST API built in 3 progressive stages: single external API integration (Stage 0), full CRUD with PostgreSQL and 3 concurrent external API calls via Promise.allSettled (Stage 1), and an

advanced query engine with 7 combinable filters, cursor-based pagination, and multi-column sorting (Stage 2)

- Custom NLP parser (no libraries) mapping plain-English queries to parameterised SQL across 80+ countries; 2,026 seeded profiles; 7 PostgreSQL indexes; sub-500ms response times

Interactive 3D Portfolio

React · GSAP · Three.js · React Three Fiber

- Scroll-triggered animations via GSAP timeline; 3D particle systems and custom shaders; performanceoptimised with modern React patterns

AI-Powered Study Assistant

React · Tailwind CSS · Hugging Face API · PWA

- Hugging Face inference API for educational content generation; local storage for offline functionality and progressive web app features

TECHNICAL SKILLS

Frontend Frameworks & Libraries

React (hooks, useReducer, useContext, component architecture), Next.js 14, Vue 3, Angular 17+, TypeScript, TanStack Query, Axios, Pinia, Angular Signals, Vite

Styling & Responsive Design

CSS Custom Properties (theming, light/dark), Tailwind CSS, Sass, CSS Grid & Flexbox, Mobile-first (320px→768px→1024px), Material, Design Systems

Animation & 3D

GSAP (ScrollTrigger, Timeline), Three.js, React Three Fiber, WebGL, GLTF Loading

Accessibility (A11Y)

WCAG AA compliance, Semantic HTML5, ARIA attributes (arialabel, aria-expanded, aria-live, aria-Expanded, aria-invalid), Focus management & trapping, Screen reader compatibility

Backend & Tools

Node.js, Express, PostgreSQL, MongoDB, Firebase, Git, GitHub Actions, Netlify, Vercel, Figma, Arduino

EDUCATION

Bachelor of Engineering in Computer Engineering — Redeemer's University, Nigeria

Expected: October 2026

- CGPA: 4.79/5.00 — First Class Honours | Dean's List (100 Level – Present)
- Relevant Coursework: Data Structures, Algorithms, Web Technologies, Embedded Systems, HumanComputer Interaction

CERTIFICATIONS, AWARDS & LANGUAGES

Awards: Dean's List for Academic Excellence (2021–2023) • Society of Petroleum Engineers (SPE) Member | **Languages:** English (Fluent) • Igbo (Native)

KEY ACHIEVEMENTS

- Passed all automated HNG test criteria for Stage 0 and Stage 1, precise data-testid matching, keyboard navigation order, and accessibility compliance
- Identified and fixed a WCAG AA colour contrast failure (4.37:1 ratio on a primary button) by selecting a mathematically verified replacement, without any tool assistance
- Diagnosed and resolved a React "Rendered fewer hooks than expected" crash caused by a useCallback placed after an early return statement
- Built a fully keyboard-navigable accessible modal (focus trap, ESC close, backdrop click, auto-focus) with zero external libraries
- Deployed 6+ full-stack projects with automated CI/CD pipelines; maintained First Class academic standing throughout
- Reduced 3D model load time from 8s to 1.2s through lazy loading and texture caching in Fuego