BISMARK APENKWAH

DESIGN ENGINEER | TECHNICAL PRODUCT DESIGNER

Norwich, UK | +44 7555 824637 | bapenkwah@gmail.com | bisacom.dev

linkedin.com/in/bismarkapenkwah | github.com/Bisacom-prog

PROFESSIONAL PROFILE

Design Engineer and Product Designer with an MSc in **Information Technology Management**, combining **user experience (UX), user interface (UI) and design-system work with production front-end development in React, Next.js and TypeScript**. Closes the gap between design intent and technical feasibility, specialising in Figma component libraries built 1:1 with front-end design tokens. Has shipped live client websites and designed SaaS/B2B workflows to prototype.

KEY SKILLS

Product & UX Design: User Experience (UX) Design, User Interface (UI) Design, Wireframing, Prototyping, User Flows, Information Architecture, Heuristic Audits, Accessibility (WCAG 2.2).
Design Engineering: Design Systems, Reusable UI Component Libraries, Figma Design Tokens, Auto Layout, Responsive Design, Interaction States, API-Data Mapping.
Front-End Development: React, Next.js (App Router), TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS.
Tools & Platforms: Figma, FigJam, Git, GitHub, Sanity CMS, Vercel, Resend, Google Analytics 4, Adobe Creative Cloud.

PROFESSIONAL EXPERIENCE

Design Engineer & Front-End Developer | ***Bisacom, Norwich, UK*** *2020 – Present*

- **Deliver projects end to end** for startups and small businesses: discovery, UX, UI design, development, launch.
- **Build reusable component libraries** in Tailwind CSS and Next.js, consistent with the Figma source of truth.
- **Author of 'From Beginner to Hired'** (Amazon), introducing the B.I.S.A.C.O.M Framework for product designers.

SELECTED PROJECTS

COP Norwich | *Live Client Website, copnorwich.org* *Product Designer & Front-End Developer*

- **Designed and built the site for The Church of Pentecost, Norwich,** with service times, directions and livestream one tap away.
- **Configured an embedded Sanity Studio** so volunteers manage events, sermons and service times without a developer; enquiries and prayer requests reach the church inbox via Resend.

Ma Adjo's Kitchen | *Live Client Website* *Design Engineer*

- **Designed and built, solo from UX to production,** a mobile-first ordering and catering website for a Norwich food business, replacing a phone-only journey with a structured menu, allergen guidance and WhatsApp ordering.
- **Coded reusable Tailwind components** from the Figma design system; the owner edits the menu in Sanity.

NextAge Consult | *Live Client Website* *Product Design Engineer*

- **Designed and built solo in two weeks:** a programme and registration site for a Ghanaian training organisation.

ShiftFlow | *B2B SaaS Concept, Interactive Prototype* *Technical Product Designer*

- **Designed a role-based workflow** taking shift-based teams from an unexpected absence to confirmed cover: absence reporting, suitable-staff matching, cover requests, manager confirmation and rota updates.
- **Defined edge cases** (overlapping shifts, manager overrides, time-sensitive errors) to test feasibility before hand-off.

Mobile Mechanic | *AI-Assisted Roadside Concept, Motion Prototype* *Product Designer*

- **Designed a two-step help request** that dispatches a mechanic first while AI gathers diagnostics, with prototyped fallbacks for location denial, cancellation and no coverage.

AddoBees CQC Compliance Platform | *Product Design Consultancy* *Technical Consultant*

- **Audited Phase 1 of a B2B compliance product** (user-flow weaknesses, permission-tier conflicts, offline data-sync risks) and produced a Phase 2 roadmap for AI-assisted reporting.

EDUCATION & TRAINING

MSc Information Technology Management | Coventry University, UK *2021 – 2023*

BSc Geomatic Engineering | Kwame Nkrumah University of Science and Technology, Ghana *2012 – 2016*

Training: Complete Web & Mobile Designer (UI/UX, Figma); Complete Web Development Course.