

EKONG UFORO BERTRAND

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Portfolio: under-review

Location: Remote / Cameroon

PROFESSIONAL SUMMARY

Results-driven **Full-Stack Web & Mobile Developer** with hands-on experience designing and building scalable SaaS applications, real-time messaging systems, and role-based management platforms. Skilled in developing responsive, production-grade UI with React, Angular, SCSS, and Bootstrap, alongside robust backend architectures using Node.js, NestJS, Express, MongoDB, PostgreSQL, and MySQL. Experienced with cloud integrations (Cloudinary), JWT authentication, secure cookies, Redux state management, and REST API design.

Known for strong problem-solving skills, clean coding standards, and the ability to take a product from concept to deployment.

CORE SKILLS

Frontend Development

- React.js, React Native (Expo)
- Angular
- Redux Toolkit, Context API
- Bootstrap, SCSS Modules, Material UI, CSS Modules
- Tailwind (previous experience)
- Responsive UI/UX Design
- Component-based design systems

Backend Development

- Node.js, Express.js
- NestJS (Modules, Controllers, Services, Providers)
- REST API architecture
- Real-time systems (Socket.IO)

- Authentication (JWT, Cookies, Bcrypt)
- Role-based access control (RBAC)

Databases

- MongoDB
- PostgreSQL
- MySQL
- Prisma ORM (familiarity)

Cloud & DevOps

- Cloudinary (image uploads)
- Git, GitHub, Git Submodules
- API integration
- Deployment concepts (SaaS architecture, remote DB setups)

Other Tools

- Axios
- Expo Router
- SCSS architecture
- Figma-to-frontend implementation
- Testing & debugging
- Documentation writing (technical & project documentation)

PROJECT EXPERIENCE

AgroFarm Management System — Full Stack Developer

React, Express, MongoDB, Socket.IO, SCSS, Redux, Cloudinary

A multi-role agricultural management system (Farmer, Manager, Expert, Owner, Admin).

Key contributions:

- Designed fully responsive UI with **SCSS modules, Bootstrap, and Material UI**.
- Built **real-time chat** with unread message tracking using Socket.IO.
- Implemented **JWT authentication** with secure cookies.
- Created role-based routing and dashboards for 5 different user roles.
- Developed unified **Profile Model** with Cloudinary-based image upload.

- Created admin panel for **role management, user deletion**, and logging.
 - Wrote backend controllers for crops, tasks, users, profiles, and farm data.
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Hospital Patient Management System — Mobile App Developer

React Native (Expo), Expo Router, MongoDB, Node.js

Mobile app for patient records and clinical management.

Key features built:

- Login and role-based navigation for Admin, Doctor, Nurse, Patient.
 - Patient registration, prescription manager, appointment scheduling.
 - Vitals tracker with graphs.
 - Integrated global constants, UI components, and multi-screen navigation.
 - Designed a responsive, scalable folder structure with shared UI components.
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BeeChatApp (Messaging Platform) — Frontend + Backend

React, Socket.IO, Node.js, Cloundinary, MongoDB

- Developed dynamic chat interface with real-time message delivery.
 - Integrated Cloundinary for media uploads.
 - Implemented user profiles, avatar upload, and online/offline indicators.
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SaaS Project Starter Architecture — Lead Developer

Angular, NestJS, PostgreSQL/MySQL

- Architected a SaaS foundation with NestJS modules and Angular frontend.
 - Configured database schemas, authentication workflows, and routing.
 - Solved complex Git errors including submodule and nested repo issues.
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SELECTED TECHNICAL ACHIEVEMENTS

- Built **20+ backend and frontend files** for complete admin capabilities in AgroFarm.
- Mastered **complex SCSS layouts** with over 200+ lines for dashboards and sidebars.
- Implemented **Cloundinary** image uploads across multiple full-stack apps.
- Designed modular **Redux slices** for profiles, roles, messaging, and filtering.

- Created fully responsive UI components across React and React Native ecosystems.
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EDUCATION

Professional Training & Certifications

(ALX, 2023, LANDMARK TECHNOLOGIES-2023 DEV-OPS)

PROFESSIONAL STRENGTHS

- Strong debugging and architectural thinking
- Ability to learn and adapt quickly
- Writes clean, maintainable, reusable code
- Excellent communication and documentation skills
- Works well remotely and in fast-paced teams