Prosper Paebi Bobson

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PROFILE

Software engineer building production web and mobile systems in Node.js and TypeScript, with React and Next.js on the front end and PostgreSQL and MongoDB behind it. Backend and API-driven architecture, third-party integrations including payment gateways, and applied AI work covering LLM agents and workflow automation. Experienced in compliance-aware systems aligned to ISO-27018 principles, GDPR, NDPR and the Nigeria Data Protection Act 2023.

TECHNICAL SKILLS

- Languages: TypeScript, JavaScript, Python, Java
- Backend: Node.js, REST API design, event-driven and callback-driven architectures, third-party and payment gateway integration
- Frontend: React, Next.js
- Data: PostgreSQL, MongoDB, SQL and NoSQL modelling
- AI and automation: LLM agents, MCP, VAPI, n8n, Make, Google Calendar API
- Cloud and practice: AWS, DevOps and deployments, Domain-Driven Design, Test-Driven Development, unit, integration and system testing, Scrum and Kanban
- Other: access control and audit logging, data protection (ISO-27018 principles, GDPR, NDPR, NDPA 2023), team leadership and technical mentorship

EXPERIENCE

Software Developer | Pentagon Securities Ltd, Abuja, Nigeria *May 2025 - Present*

- Designed and built an enterprise Visitor Management System in Node.js and TypeScript, handling sensitive visitor and staff records.
- Built a Time and Attendance Management System integrated with biometric devices (fingerprint and facial recognition) for automated attendance tracking, audit readiness and HR and payroll support.
- Led development of a Reporting and Incident Management System (RIMS) streamlining report submission and communication between service contractors and facility management.
- Applied privacy-by-design and security-by-design to protect personally identifiable information, aligned to ISO-27018 principles, NDPR and GDPR.

Software Developer and Founder | Japahub Global Limited, Abuja, Nigeria *February 2024 - Present*

- Built and lead a migration safety platform that lets people check job, study and travel offers against official sources before committing money or documents. Stack: Node.js, TypeScript, React and Next.js, PostgreSQL and MongoDB.
- Built Scout, the platform's AI assistant, which checks offers against the UK, Canadian and Nigerian recruiter registers and documented NAPTIP cases and refers users to NAPTIP and the Migrant Resource Centres.
- Lead a team of nine across engineering, content moderation and community. Own architecture, code reviews, DevOps and deployments, QA, data protection under the Nigeria Data Protection Act 2023, vendor contracts and budget.
- Selected for the 2nd ECOWAS Startup Awards, 2026.

AI Developer (Remote, Part-Time) | Camie Tech, United Kingdom *January 2025 - March 2025*

- Contributed to AI voice agents for scheduling, appointment booking and task automation.
- Built and integrated intelligent workflows using MCP, VAPI, n8n, Make and the Google Calendar API.
- Supported the AI team in deploying scalable, event-driven automation for client operations.

Full Stack Developer (Freelance) | Shoppergetit, Abuja, Nigeria *October 2024 - November 2024*

- Built and maintained an eCommerce platform supporting panic purchases, bundle buys, product reviews and a shopper community centre.
- Worked across frontend and backend, covering performance, responsiveness and user experience.

Web Application Developer (Contract) | Kpoi Kpoi Mingi Investment Ltd, Abuja, Nigeria *January 2023 - July 2023*

- Designed and built an administrative dashboard managing customers, inventory, staff, payments and analytics.
- Implemented role-based access control and multi-level user permissions for business-critical data.
- Integrated Paystack and Flutterwave payment gateways using API and callback-driven architectures.
- Kept payments, inventory and customer data synchronised and consistent across modules.

National Youth Service Corps | Federal Republic of Nigeria *October 2021 - October 2022*

- Completed the mandatory one year of national service following graduation.

EDUCATION AND CERTIFICATIONS

Master of Information Technology Miva Open University, Nigeria. January 2026 - ongoing

Oracle Fusion Cloud Applications ERP Process Essentials Certified, Rel 1 November 2025 - February 2026

The Software Essentialist essentialist.dev, Canada. September 2023 - August 2024

ALX Software Engineering Programme January 2023 - November 2023

Bachelor of Engineering, Electrical and Electronic Engineering Niger Delta University, Bayelsa State, Nigeria. December 2015 - July 2021

Member, Nigerian Society of Engineers Student Member, Institute of Electrical and Electronics Engineers (IEEE)

LEADERSHIP AND COMMUNITY

Bayelsa Tech Hub March 2022 - July 2022. Led robotics and coding workshops for students; coordinated volunteers and instructors.

IEEE Student Branch, Niger Delta University May 2018 - July 2021. Co-founder. Ran technical workshops on circuit design, programming and emerging technologies.

Viosam Nigeria Limited June 2019 - December 2019. Delivered robotics and programming workshops for children and teenagers using Arduino and Scratch.

REFERENCES

Available on request.