

NOBERT LANGAT

Full-Stack Software Developer | React • Next.js • TypeScript • ASP.NET Core

Nairobi, Kenya

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Portfolio: <https://nobertdev.vercel.app/>

GitHub: <https://github.com/NOBERT167>

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PROFESSIONAL SUMMARY

Full-Stack Software Developer with **3+ years of professional experience and 6+ years of hands-on software development experience** building, integrating, deploying, and supporting production web applications.

Experienced across the full development lifecycle using **React, Next.js, TypeScript, JavaScript, ASP.NET Core, C#, Node.js, SQL Server, PostgreSQL, MongoDB, REST APIs, Docker, and CI/CD**.

Strong background in enterprise applications, system integrations, procurement platforms, recruitment systems, CRM solutions, payment integrations, and AI-powered developer tools. Experienced integrating applications with **Microsoft Dynamics 365 Business Central** through OData and SOAP APIs and delivering reliable solutions for real-world business processes.

Comfortable taking ownership of features from requirements and architecture through development, testing, deployment, documentation, and production support.

TECHNICAL SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript ES6+, HTML5, CSS3, Tailwind CSS, ShadCN/UI, Bootstrap

State & Data Management: Redux Toolkit, RTK Query, Zustand, TanStack Query

Backend: ASP.NET Core, C#, .NET, Node.js, Express.js, REST APIs, Webhooks, OData, SOAP

Databases: SQL Server, PostgreSQL, MongoDB, MySQL, SQLite, Entity Framework Core

Enterprise Integration: Microsoft Dynamics 365 Business Central, OData V4, SOAP Services, REST APIs, JSON, XML

Authentication & Security: JWT, RBAC, Input Validation, Rate Limiting, HMAC Signatures, Secure API Design

DevOps & Deployment: Git, GitHub, Docker, GitHub Actions, Jenkins, Google Cloud Build, IIS, Vercel, CI/CD

AI & Automation: Generative AI, OpenAI API, Prompt Engineering, AI-Assisted Development, Code Generation

Engineering Practices: Agile/Scrum, SDLC, Code Reviews, Debugging, Testing, Technical Documentation, Production Support

PROFESSIONAL EXPERIENCE

Full-Stack Software Developer

Greencom Enterprise Solutions — Nairobi, Kenya

June 2024 – Present

- Design, develop, test, deploy, and maintain enterprise applications using **React, Next.js, TypeScript, ASP.NET Core, C#, SQL Server, PostgreSQL, and MongoDB**.
- Built an **AI-powered OData/MVC Code Generator** that reduced repetitive development work by approximately **85%**.
- Build responsive customer-facing portals and internal business applications for procurement, recruitment, CRM, employee self-service, supplier management, and administrative workflows.
- Develop secure REST APIs and integrate applications with enterprise and third-party systems.
- Integrate web applications with **Microsoft Dynamics 365 Business Central** using OData and SOAP services.
- Build reusable UI components, forms, dashboards, search interfaces, data tables, and workflow-driven modules.

- Implement authentication, role-based authorization, validation, rate limiting, and secure API communication.
- Diagnose and resolve frontend, backend, API, database, authentication, integration, and deployment issues.
- Participate in requirements gathering, solution design, code reviews, testing, UAT, deployments, and production support.
- Prepare technical documentation, deployment guides, API documentation, and troubleshooting procedures.
- Collaborate with developers, analysts, users, infrastructure teams, and client stakeholders.

ICT Specialist / Software Developer — Part-Time

Holy Trinity Kimatisio Parish — Bomet, Kenya

May 2023 – June 2024

- Developed and maintained websites and organizational digital systems.
- Provided support for software applications, computers, networks, backups, and user accounts.
- Gathered user requirements and translated them into practical technology solutions.
- Diagnosed and resolved hardware, software, connectivity, and application issues.
- Prepared documentation and trained users on digital systems and tools.

Web Developer & Graphic Designer — Volunteer

Saint Anthony Youth Service — Kericho, Kenya

May 2023 – June 2024

- Developed and maintained responsive web experiences for community initiatives.
- Created posters, promotional graphics, social media content, and digital communication materials.
- Collaborated with stakeholders to translate ideas into functional and visually engaging digital solutions.
- Maintained visual consistency across web and promotional materials.

ICT Intern

Bomet University College — Bomet, Kenya

September 2022 – December 2022

- Supported institutional applications, databases, computers, networks, and end users.
- Assisted with software installation, configuration, testing, maintenance, and troubleshooting.
- Supported users with system access, connectivity, hardware, and application issues.
- Documented technical problems and solutions.

SELECTED PROJECTS

Judiciary of Kenya Supplier Portal

<https://supplier.judiciary.go.ke/>

Enterprise e-procurement platform used by suppliers to participate in procurement processes.

Key Contributions

- Developed procurement workflows using **React, TypeScript, ASP.NET Core APIs, and Dynamics 365 Business Central integrations**.
- Built tender discovery, bid submission, financial responses, document uploads, staffing, equipment, tender security, and bid-withdrawal functionality.
- Implemented validations, deadline handling, responsive interfaces, search, filtering, loading states, and error management.
- Supported production deployment, troubleshooting, and ongoing enhancement.

Judiciary of Kenya Contractors Portal

<https://contractors.judiciary.go.ke/>

Contract-management platform supporting contractor and internal operational workflows.

Key Contributions

- Developed functionality for payment requests, contract amendments, extensions, instructions, approvals, document management, and completion workflows.

- Integrated frontend modules with backend APIs and Dynamics 365 Business Central.
- Implemented reusable interfaces, validation, status management, and role-based actions.

NUPEA Supplier Portal

<https://suppliers.nuclear.co.ke:8086/>

Supplier-management and procurement portal.

Key Contributions

- Developed supplier onboarding, profile management, procurement opportunities, and document-management functionality.
- Integrated the frontend with secure backend APIs and Microsoft Dynamics 365 Business Central.
- Supported deployment, configuration, troubleshooting, and production maintenance.

PPRA E-Recruitment Portal

<https://erp.ppra.go.ke/>

Online recruitment platform supporting vacancy discovery and candidate applications.

Key Contributions

- Developed responsive recruitment interfaces with **React, TypeScript, Redux Toolkit, and Tailwind CSS**.
- Built job listings, search, filtering, pagination, application flows, and help interfaces.
- Integrated frontend features with backend enterprise services.

AI-Powered OData / MVC Code Generator

<https://mvcgenerator.vercel.app/>

AI-assisted developer tool for accelerating enterprise application development.

Key Contributions

- Built a tool that interprets Business Central OData schemas and generates ASP.NET MVC, API, backend, and frontend code.
- Developed schema parsing, prompt workflows, dynamic forms, and code-preview functionality.
- Integrated Generative AI into the development workflow.
- Reduced repetitive implementation effort by approximately **85%**.

DevPulse

<https://devpulse.blog/>

Full-stack developer and content platform.

Technology: React, TypeScript, Node.js, Express.js, MongoDB, Docker

Key Contributions

- Developed APIs and interfaces for users, articles, comments, search, media, and content-management workflows.
- Integrated **OpenAI API, Clerk authentication, Cloudinary, Docker, and Google Cloud Build**.
- Implemented authentication, role-based access, search, pagination, validation, and responsive design.

OPEN-SOURCE PROJECTS

Published reusable React packages on NPM:

- **@nobertdev/react-spotlight-search** - Reusable spotlight-style search component designed for clean integration into React applications.
- **@nobertdev/react-confirm-dialog** - Reusable and customizable confirmation-dialog component.
- **@nobertdev/react-3d-icons** - Reusable React visual component library.

Responsible for **TypeScript implementation, component architecture, package documentation, versioning, and NPM publishing**.

EDUCATION

Bachelor of Science in Informatics

Moi University — Eldoret, Kenya

2017 – 2022

Second Class Honours — Upper Division

PROFESSIONAL STRENGTHS

- Full-stack application development
 - End-to-end feature ownership
 - Enterprise system integration
 - REST API development
 - React and TypeScript development
 - C# and ASP.NET Core development
 - Database design and integration
 - Microsoft Dynamics 365 Business Central integration
 - Production debugging and troubleshooting
 - AI-assisted software development
 - Technical documentation
 - Code reviews and collaboration
 - Agile/Scrum delivery
 - Independent problem solving
 - Clear stakeholder communication
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ADDITIONAL INFORMATION

- Based in **Nairobi, Kenya**
- Experienced working with enterprise applications and production systems
- Comfortable collaborating with technical and non-technical stakeholders
- Interested in **Full-Stack Engineering, Backend Engineering, Enterprise Integrations, SaaS, and AI-enabled software development**