# NANA ABA ACKAH

## FRONT–END DEVELOPER • ERP SYSTEMS MANAGER • BUSINESS ANALYST

## CONTACT

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## EDUCATION

**2017 - 2022**
**TRENT UNIVERSITY**

- Bachelor of Arts Honours (BAH), Business and Computer Science

## TECHNICAL SKILLS

- **Languages & Frameworks:** JavaScript (ES6+), React, Vue 3, Node.js, Python, HTML5, CSS3, SCSS, XML/QWeb, Vite, Tailwind CSS, Bootstrap
- **ERP Systems & Back-End:** Odoo.sh, Odoo Studio, PostgreSQL, Flask, RESTful APIs, Git, GitHub (branching, PRs, CI/CD), JSON
- **DevOps & Testing:** Playwright, Jest, Postman, GitHub Actions, Netlify, Railway
- **Data & Reporting:** SQL Server, Google BigQuery, Looker Studio, Data Validation Scripts, Data Automation
- **Design & Prototyping:** Figma, Canva, Framer Motion (in progress), Google Sites (custom HTML/CSS/JS)
- **Collaboration & Project Management:** Agile/Scrum, Sprint Planning, Trello, Stakeholder Communication, UAT, Technical Documentation, Change Management

**Certifications**: Web Development (HTML/CSS/JS), React, Node.js, Python for Data Science, SQL & Database Management (Coursera, IBM)

## PROFILE

Detail-oriented and creative front-end developer with a background in computer science and business, specializing in building modern, scalable UI/UX solutions and customized ERP systems. 3+ years of experience translating business requirements into technical builds using React, Vue, Odoo, and API integrations. Proven ability to design clean component architectures, optimize front-end performance, and lead ERP adoption across organizations. Passionate about accessibility, design systems, and building smooth interactive tools.

## WORK EXPERIENCE

### IBW Surveyors Ltd.
**OCT 2024 - PRESENT**

*IT Technician*

- Redesigned internal company portal using Google Sites, embedding custom HTML, CSS, and JavaScript, improving team self-service by 10%.
- Built data visualization dashboards using Google BigQuery, Looker Studio, and SQL Server, delivering executive-level operational insights.
- Enhanced internal systems with custom workflows, enabling staff onboarding automation and digital document routing.
- Partnered with MSPs to implement network security protocols, increasing system uptime and reducing vulnerability by 15%.
- Supported process automation through low-code integrations and internal script enhancements using Python and Google Apps Script.
- Actively contributed to continuous improvement initiatives by providing system-level recommendations and supporting internal project launches.

### IN Engineering & Surveying Ltd
**SEPT 2022 - OCT 2024**

*ERP Manager*

- Led end-to-end ERP implementation using Odoo.sh, resulting in 50% automation across CRM, Projects, Sales, and Accounting workflows.
- Built and customized ERP modules using Python (backend logic), XML/QWeb (UI), and JavaScript, improving task efficiency and UX.
- Developed and deployed REST API endpoints using Odoo controllers for third-party integrations (CRM sync, PDF workflows).
- Managed version control, branching, and release pipelines using Git/GitHub, deploying via Odoo.sh's CI/CD environment.
- Created dynamic custom dashboards using Odoo Studio and JavaScript, improving management visibility across departments.
- Conducted company-wide UAT sessions, wrote internal training docs, and delivered staff onboarding to 20+ end users.
- Operated within Agile sprint cycles: planning, retrospectives, backlog grooming, iterative releases.

## PROJECTS

### Portfolio Website
**nanaabaackah.com** — *React, Tailwind CSS, Vite, Netlify*

Built a responsive, fast-loading portfolio site using React, Tailwind CSS, and Vite, with component-based architecture, route transitions, and Font Awesome icons. Deployed via Netlify CI and optimized for SEO and accessibility using semantic HTML and metadata.

### Party Rental ERP System (In Progress)
*React, Node.js, PostgreSQL, Playwright, Tailwind CSS*

Developing a full-stack ERP system for a Ghana-based rental business with role-based access, inventory management, and mobile money integration. Built with React, Node.js, and PostgreSQL, featuring a RESTful Express.js API, reusable components, and responsive UI. Integrated Playwright and Jest for testing.