ANSLEM KELECHI EROMOSELE

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EDUCATION

National Institute Of Information Technology (NIIT) – *Gurgaon, India*   **September 2018 – 2020**
Diploma, Software Engineering
- **Relevant Coursework:** Software Engineering; Discrete Mathematics; Databases; Data Structures & Algorithms; Systems Programming; Operating Systems; Research; Human-centered Design; Entrepreneurial Leadership.

AltSchool Africa – *Lagos, Nigeria*   **April 2022 – March 2023**
Diploma. Software Engineering
- **Relevant Coursework:** Data Structures & Algorithm; Object-Oriented Programming (OOP) Principles; Software Architecture & Design Patterns; RESTful API Design & Development; Express Security Practices; Authentication & Authorization; Test Driven Development; Error Handling & Logging; Asynchronous Programming (Callbacks, Promises, Async/Await); Databases (SQL & NoSQL); Nodejs Cores; Version Control with Git & GitHub; Deployment & CI/CD Basics; API Documentation (Swagger, Postman); WebSockets & Real-time Communication; Caching Strategies (Redis, In-memory caching); Containerization (Docker fundamentals); Cloud Services Basics (AWS, DigitalOcean, or Heroku).

WORK EXPERIENCE

KINETIC - *Alberta, Canada*   **March 2024**
Senior Software Engineer
- Architected and modularized the core infrastructure into independent components, enhancing scalability and adaptability to meet diverse customer requirements, which led to increased customer acquisition and improved acceptance rates.
- Developed a scalable, client-centric platform using **Vue.js** and **Express.js**, successfully supporting a global client base across multiple regions.
- Engineered a system architecture that enabled the entire application to be bundled into a standalone executable, streamlining deployment and distribution processes.
- Collaborated directly with the CTO to translate strategic business objectives into actionable product features and technical deliverables.

LIVEIZY - *Lagos, Nigeria.*   **February 2024**
Lead Software Engineer
- Led a cross-functional team of **6+ software engineers**, collaborating with frontend and backend teams to consistently deliver on key product milestones, achieving **100% on-time delivery across multiple projects**.
- Designed and implemented a modular, **microservices-based API architecture**, improving system scalability and reducing system downtime by **40%** during peak traffic periods.
- Worked with the frontend team to architect and develop a **widget-based infrastructure** for the user interface, accelerating feature **rollout by 30%** and enabling rapid customization for client-specific needs.
- Utilized **React.js**, **Express.js**, **PHP**, and **Laravel** across the full-stack ecosystem, contributing to a platform that supported **a 25% increase in active global users within six months** and improved system performance by **35%**.

PAYRATY - *Lagos, Nigeria.*   **January 2024**
Senior Backend Engineer
- Developed the **core backend infrastructure** powering a suite of **ERP products** including **HRIS, Inventory Management, Payroll, Accounting, and Procurement Management systems**, utilizing **Python**, **PHP**, **Laravel**, and **Node.js**. The system successfully scaled to support **over 1,000 concurrent users** with **99.9% uptime**.
- Designed and implemented a **relational database architecture** using **SQL**, ensuring optimized data integrity, query efficiency, and seamless inter-module relationships. Improved data retrieval times by **45%** through query optimization and schema refinement.
- Created **interactive dashboards, dynamic graphs, and a comprehensive reporting system** for clients, reducing report generation time by **50%** and significantly enhancing business decision-making through real-time data analytics and actionable insights.

REVOCUBE TECH - *Lagos, Nigeria.*   **Feb 2023 - Jan 2024**
Senior Fullstack Engineer
- **Designed, developed, and deployed a fully-featured Learning Management System (LMS)** with **multi-tenancy architecture**, enabling multiple organizations to operate within isolated, customizable environments. Engineered the entire backend infrastructure, ensuring seamless performance, data security, and operational efficiency. Integrated organization-specific landing page customization features to enhance branding and deliver a tailored user experience.

- **Engineered a secure, high-performance Video Streaming API**, prioritizing content protection and system scalability. Implemented features to prevent unauthorized downloads, integrated cloud storage with automated backup strategies, and optimized for low-latency video playback. Utilized **AWS CloudFront** for efficient global content delivery and incorporated **edge functions** to enhance playback reliability and user experience across diverse network environments.

GETEQUITY - *Delaware, USA.*   **Sept 2022 - Jan 2023**
Backend Engineer
- **Revised and restructured the architectural and setup documentation**, reducing ambiguity by over **80%**, which significantly improved onboarding efficiency and overall productivity for both new and existing developers.
- Collaborated with the backend team to **design and implement core features for the Loan Servicing module**, ensuring reliability, scalability, and seamless integration with existing systems.
- **Adopted and integrated modern development tools and workflows**, enhancing team productivity and operational effectiveness by **over 70%**, while streamlining deployment, testing, and code management processes.

OPNARYBITS - *Delaware, USA.*   **July 2020 - Aug 2022**
Frontend Engineer
- **Redesigned and developed an enhanced frontend version of the company's landing page**, resulting in a **70% improvement in SEO performance** and increased overall site visibility.
- Collaborated with the backend team to **build and maintain the backend infrastructure powering the company's Web3 applications and decentralized (DApp) software**, ensuring secure and scalable integrations.
- **Developed a fully decentralized application (DApp)** and seamlessly integrated third-party services, leading to a **75% increase in customer satisfaction and platform adoption**, up from a previous comfort rate of **25%**.

BLAKCODES INNOVATIONS - *Lagos, Nigeria.*   **May 2018 - May 2020**
Frontend Intern
- **Designed and developed frontend applications** for a growing **EduTech platform, SmartEdu**, supporting over **2,000 students** across Lagos with scalable, user-friendly learning solutions.
- **Created intuitive, conversion-optimized user interfaces for company clients**, achieving a **75% reduction in user abandonment rates** and driving a **90% increase in customer purchases**.
- **Involved In the training of 20 aspiring developers** in **full-stack development**, covering modern frameworks, best practices, and project-based learning to accelerate their professional growth.

TECHNICAL PROJECTS

MODERNIZE.JS - [WEBSITE](#)
- **Developed a custom JavaScript utility library** designed to streamline the development of modern JavaScript applications, integrating seamlessly with **Webpack** and **Babel**. This library reduced development time and setup processes by **over 75%**.
- Achieved **over 500 weekly downloads/users**, demonstrating strong adoption and community interest.
- **Built using Node.js, Express, and C++**, with broad compatibility across major frontend frameworks including **React, Vue.js, and Angular**.

CREATE-SASS-APP - [WEBSITE](#)
- **Created an NPM package to simplify the 7-1 SCSS architecture**, enabling faster, more efficient UI development with **over 70% reduction in styling time**.
- **Built with Node.js, Express, and C++**, fully compatible with client-side libraries like **React** and **Vue.js**.

SKILLS & TOOLS

- **TECHNICAL SKILLS:** Golang • JavaScript • PHP • Laravel • NodeJs • Express • NestJS • AdonisJs • MongoDB • Mongoose • MYSQL • Sequelize • Prisma • Typescript • Python • HTML • CSS.• TailwindJS • ReactJS • VueJs • Linux Commands • Shell Scripting • GIT • Devops • CI/CD • SRE
- **TOOLS**: POSTMAN • VSCODE • TRAE • GITHUB • BitBucket • Gitlab • AWS * GCP * JENKINS * DOCKER * TERMUIS.

LEADERSHIP & VOLUNTEERING ACTIVITIES

FOUNDER, SODACHI MPOWER   **January 2018**
Founded & Lead a community initiative that actively trains young adults/teenagers on coding for free.