

CHAKOUTHBEL GABRIEL

Software Developer

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chakuothbelgabriel.tech

PROFESSIONAL SUMMARY

Results-driven Full-Stack Software Developer with hands-on experience building production-ready web and desktop applications. Proficient in modern JavaScript ecosystem (React.js, Next.js, Node.js, NestJS), and Python frameworks (Django), with expertise in database design, RESTful API development, and responsive UI/UX implementation. Proven ability to architect scalable solutions from concept to deployment, with a strong foundation in software engineering principles and collaborative development practices.

TECHNICAL SKILLS

Frontend	React.js, Next.js, React Native, TypeScript, Tailwind CSS, Framer Motion, Zustand, Electron
Backend	Node.js, Express.js, NestJS, Django, Django REST Framework, Python, JavaScript
Databases	PostgreSQL, MongoDB, MySQL, Redis, Prisma ORM
DevOps & Tools	Docker, Git, GitHub Actions, AWS, Linux, Jest, REST APIs, GraphQL

CORE COMPETENCIES

- **Problem-Solving:** Strong analytical thinking with the ability to break down complex technical challenges into manageable solutions
- **Team Collaboration:** Effective communicator with experience leading coding club initiatives and mentoring junior developers
- **Project Management:** Organized approach to development with the ability to manage multiple projects and meet deadlines
- **Adaptability:** Quick learner who stays current with emerging technologies and adapts to changing project requirements
- **Attention to Detail:** Meticulous code quality focus with commitment to writing clean, maintainable, and well-documented code

Ejar – Real Estate Property Marketplace

React.js • Zustand • Django • Django REST Framework • PostgreSQL

- Architected and deployed a full-stack property listing platform enabling users to browse, list, and manage real estate properties with advanced search and filtering capabilities
- Implemented state management using Zustand, resulting in a seamless user experience across property listings with real-time updates
- Built a scalable Django REST API with pagination, filtering, and full-text search functionality, achieving sub-2-second response times
- Developed a comprehensive authentication system with role-based access control, property ownership verification, and secure user dashboards
- Designed responsive UI components, including property cards, image galleries, interactive maps, and favorite listings functionality

Point of Sale (POS) System – Desktop Application

Electron • React.js • NestJS • PostgreSQL

- Developed a cross-platform desktop POS application with an offline-first architecture supporting uninterrupted business operations
- Engineered robust NestJS backend with comprehensive REST APIs for inventory management, sales tracking, and transaction processing
- Implemented local PostgreSQL database integration with automatic sync mechanisms for reliable data persistence
- Built an intuitive React-based UI featuring real-time inventory updates, a sales analytics dashboard, and receipt generation

CareConnect – Hospital Management System

React.js • Tailwind CSS • NestJS • PostgreSQL • Prisma ORM

- Designed and developed a comprehensive healthcare management platform, digitizing patient registration, appointments, medical records, and billing workflows
- Created RESTful API architecture with Prisma ORM for efficient database operations and data integrity across multiple healthcare modules
- Implemented a role-based access control system for doctors, nurses, administrators, and pharmacy staff with secure authentication
- Built a responsive dashboard with Tailwind CSS, providing real-time patient data, appointment scheduling, and pharmacy inventory management

EDUCATION

Bachelor of Science in Computer Information Systems

Kenya Methodist University, Meru, Kenya | Graduated: November 2025

Second Class Honours, Upper Division | GPA: 3.11/4.0 | Cumulative Average: 72.10%

LEADERSHIP & INVOLVEMENT

Chairman, KeMU Coding Club | Kenya Methodist University

- Led student coding community of 50+ members, coordinating weekly technical workshops on web development, JavaScript, Python, and modern frameworks
- Organized peer-learning sessions and collaborative project-building initiatives, fostering knowledge sharing and practical skill development
- Mentored junior developers in frontend development, version control (Git/GitHub), and software engineering best practices

LANGUAGES & ADDITIONAL INFORMATION

- **Languages:** English (Fluent), Arabic (Fluent)
- **Development Practices:** Agile/Scrum methodology, Test-Driven Development, Code reviews, Clean code principles
- **Interests:** Open-source contribution, Cloud architecture, Mobile development, Data analytics