
KANE KABENA

FULL-STACK SOFTWARE DEVELOPER

PYTHON • FLASK • JAVASCRIPT • REACT • POSTGRESQL

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WEBSITES, PORTFOLIOS, PROFILES

- LinkedIn: [linkedin.com/in/kanekabena](https://www.linkedin.com/in/kanekabena)
 - GitHub: github.com/Kane7th
 - Portfolio: kane7th.github.io/my-online-portfolio
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PROFESSIONAL SUMMARY

Full-stack software engineer specializing in Python, Flask, React and PostgreSQL, with experience building production-ready web platforms and backend systems. Developed multiple end-to-end applications including fintech lending systems, booking platforms and property management software with secure authentication, REST APIs and scalable database architectures.

Strong focus on backend engineering, API development, and system architecture, with hands-on experience designing relational schemas, implementing role-based access control, and deploying full-stack applications to cloud environments. Combines software engineering expertise with real-world operational knowledge from property management systems and business platforms.

SKILLS

- Languages & Frameworks, Python (Flask), JavaScript (React, Node.js), SQL, HTML/CSS, Java.
 - Databases & Tools, PostgreSQL, SQLite, Git, RESTful APIs, Alembic, JSON Server.
 - Cloud & DevOps, Docker, Kubernetes, AWS, Azure, Google Cloud, CI/CD pipelines.
 - Soft Skills, Agile collaboration, technical documentation, stakeholder communication.
 - Development Practices, Object-Oriented Programming (OOP), MVC architecture, Test-Driven Development (TDD), API integration, responsive UI design, deployment automation, Linux Environments
 - Scripting & Infrastructure, Shell scripting, Python scripting, infrastructure setup and management.
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ELIGIBLE FOR UK SC SECURITY CLEARANCE

TECHNICAL PROJECTS

[MySmartRental.com](https://mysmartrental.com) – Property Management Platform (Full Stack SaaS)

TypeScript, MySQL, CSS | Jul 2025 – Mar 2026 | [GitHub](https://github.com)

- Developed a full-stack property management platform for landlords to manage properties, tenants, leases and maintenance workflows.
- Designed relational database models supporting property portfolios, tenant records and lease agreements.
- Implemented backend APIs and business logic to support CRUD operations, tenant management and maintenance request tracking.
- Built responsive user interfaces for property dashboards, tenant records and maintenance workflows.
- Deployed the system to cloud hosting with structured project architecture for scalability and future feature expansion.

SokoCredit – Microfinance Loan Management Platform (Full Stack)

Python, Flask, React, PostgreSQL | May 2025 – Aug 2025 | [GitHub](#)

- Designed and built a full-stack microfinance lending platform supporting loan applications, approvals, disbursements and repayment workflows.
- Developed secure backend services using Flask with JWT authentication and role-based access control (RBAC) to manage lender and borrower permissions.
- Architected relational database schemas in PostgreSQL for customers, loans, repayment schedules and financial transactions.
- Implemented RESTful APIs powering a React frontend dashboard for loan analytics, borrower management and portfolio monitoring.
- Built automated notification systems for repayment reminders and overdue alerts via SMS and in-app notifications.
- Deployed production-ready services with scalable API architecture and structured database migrations.

Hotel Booking Platform (Web Application)

Python, Flask, SQLite | Feb 2025 – Jun 2025 | [GitHub](#)

- Built a full-stack hotel reservation system supporting room management, availability tracking and booking workflows.
- Developed backend booking logic to handle reservation validation, room availability and booking confirmations.
- Implemented relational database models for rooms, customers and booking transactions.
- Designed responsive user interfaces enabling customers to browse rooms, make reservations and receive confirmations.
- Delivered a complete end-to-end deployment including application configuration and production hosting.

Hotel Booking CLI Application

Python, SQL | Apr 2025 – Jun 2025 | [GitHub](#)

- Developed a command-line hotel booking system implementing authentication, room management and booking workflows.
- Implemented CRUD operations and relational data models for rooms, customers and reservations.
- Designed modular backend architecture emphasizing maintainable code structure and error handling.
- Demonstrated strong object-oriented programming and database interaction principles.

WORK HISTORY

Founder & Lead Software Engineer, Jul 2025 – Present

MySmartRental – Property Management SaaS Platform (Remote)

Technologies: TypeScript, MySQL, CSS, REST APIs, Cloud Hosting

- Founded and developed a full-stack SaaS property management platform enabling landlords to manage properties, tenants, leases and maintenance workflows through a centralized web application.
- Architected the system's full technical stack including database schema design, backend API architecture and responsive user interface components.
- Designed relational MySQL database models supporting property portfolios, tenant records, lease agreements and maintenance tracking workflows.
- Built backend services and REST APIs enabling secure CRUD operations for property, tenant and lease management.
- Developed responsive web interfaces for landlord dashboards, tenant management and maintenance request workflows.
- Led product architecture, feature planning and deployment strategy while managing the platform's technical roadmap and scalability considerations.
- Deployed and maintained the production application in a cloud hosting environment with structured code architecture for future platform expansion.

