TILLEN OTUOMA

Nairobi, Kenya | 0746 061 690 | totuoma27@gmail.com | github.com/yrlnls

PROFILE

Results-driven full-stack developer with hands-on experience building scalable web applications using React.js, Flask, and Python. Strong foundation in both software and telecommunications engineering, with a passion for solving real-world problems and contributing to high-performing agile teams. Skilled at working on existing codebases and delivering impactful features. Eager to innovate, learn, and deliver user-centered digital solutions.

TECHNICAL SKILLS

Languages: Python, JavaScript, HTML5, CSS3
Frameworks & Libraries: React.js, Flask, SQLAlchemy, React Router, Bootstrap
Databases: SQLite, PostgreSQL
Tools & Platforms: Git, GitHub, Netlify, Render, Vercel, NPM
Design Tools: Figma, Adobe Lightroom, Adobe Lightroom Classic
Development Concepts: REST APIs, CRUD, Object-Relational Mapping (ORM), Responsive Design, Agile/Scrum

SOFT SKILLS

Teamwork | Communication | Problem-Solving | Creativity | Adaptability

EDUCATION

Software Engineering – Moringa School
2024 – 2025 | Nairobi, Kenya

B Sc. Telecommunication and Information Engineering – JKUAT
2021 – Present (Expected 2026) | Juja, Kenya

PROFESSIONAL EXPERIENCE

Engineering Intern – Central Electricals International Limited
May 2024 – Sep 2024 | Nairobi, Kenya
- Installed and configured CCTV and intercom systems for both commercial and residential clients.
- Led a team of interns in deployment tasks, improving overall project turnaround time.
- Documented installation procedures to support on-boarding and future training.

PROJECTS

Logistics & Delivery Web App (Team Project) – Flask, React.js, PostgreSQL
- Collaborated on a school-sponsored project outsourced by a company, working with an existing code base to enhance a logistics and delivery management system.
- Implemented new features and contributed to a real-time dashboard for tracking deliveries and visualizing analytics.
- Practiced Git-based collaboration, issue tracking, and agile sprint planning in a professional-like team environment.

E-Commerce Web Application – React.js, CSS, JavaScript
- Developed a responsive online store with product listings, shopping cart, and routing using React Router.
- Improved user experience with styled-components and modular architecture.
- Deployed on Netlify for live testing and feedback collection.

Student Course Registration System – Python, SQLite, OOP, CLI
- Built a CLI-based student course registration platform with input validation and menu-driven navigation.
- Modeled relational data with an ORM, implementing full CRUD functionality.
- Applied object-oriented principles and exception handling to ensure reliability.

Movie Web App (Team Project) – React.js, REST APIs, Git
- Collaborated on a web app that allows users to browse and search movies via public APIs.
- Integrated RESTful APIs and built reusable UI components with React.
- Practiced Agile workflows: sprint planning, code reviews, and version control with GitHub.

LANGUAGES

English (Fluent) | Swahili (Native)