

# Simon Tamene *Full Stack Developer*

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## PROFILE

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Hello! I am a Full Stack Developer with a strong background in both front-end and back-end technologies, as well as mobile application development. I work confidently with programming languages such as JavaScript, HTML, CSS, Python, and Java, and I have hands-on experience with modern frameworks and libraries including **React.js**, **Next.js**, **Angular**, **Node.js**, and **Django**.

I also have extensive experience developing cross-platform mobile applications using **Flutter**, enabling me to create fast, seamless, and intuitive mobile experiences for both Android and iOS. My ability to build responsive, user-friendly web interfaces—combined with robust, scalable server-side applications—allows me to deliver complete end-to-end digital solutions.

On the front-end, my expertise with **React.js** and **Next.js** enables me to create modern, optimized, SEO-friendly, and high-performance user interfaces. I focus on clean architecture, reusable components, responsive design, and excellent user experiences across devices.

In addition to my development expertise, I am skilled in **Linux administration and computer networking**, giving me a deeper understanding of server environments, networking protocols, and essential security practices. This enables me to optimize server performance, manage deployments, and efficiently troubleshoot system-level issues.

I am also proficient in **database management, API integration, and DevOps practices**, including setting up CI/CD pipelines for faster and more reliable development lifecycles. With strong experience using Git and other version control systems, I ensure smooth collaboration and maintain high code quality across projects.

Moreover, I bring practical expertise in **Odoo ERP**, including module customization, workflow automation, business process configuration, and integration with external systems. My experience in Odoo development strengthens my ability to deliver complete business solutions that streamline operations and improve productivity. Overall, my diverse skill set—including full stack development, front-end development with React.js and Next.js, mobile app development with Flutter and React Native, Linux and networking, DevOps, and Odoo ERP—combined with my passion for delivering high-quality software solutions, makes me a valuable addition to any team. I am confident that my technical expertise and dedication can help your company achieve its goals and excel in the digital space.

Thank you for considering me for upcoming opportunities.

## PROFESSIONAL EXPERIENCE

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06/2024 – Present

Addis Ababa, Ethiopia

### Full Stack Developer

*Fergami Technologies*

Since being hired, I have had the privilege of leading the development of **Aura**, a comprehensive Property Management System, as a Full Stack Developer. This enterprise solution revolutionizes property management by automating workflows and enhancing operational efficiency across all stakeholders.

I architected and implemented the entire full-stack platform using **React**, **Node.js**, and **PostgreSQL**, designing core features such as dynamic property registration, automated parking allocation, and digital lease processing. The system also integrates a robust financial management module that supports multi-channel payments, real-time transaction tracking, automated accounting workflows, and detailed financial reporting. Additionally, I built a complete maintenance ecosystem that includes role-based task assignment, recurring maintenance scheduling, and tenant-initiated repair requests with photo and video documentation. I implemented secure communication channels featuring real-time messaging, push notifications, and specialized modules such as the tenant portal, attendance workflows, and QR-based security access.

Through extensive optimization and architectural improvements, the system achieved:

- **80% reduction in manual processes**
- **Full JWT authentication and RBAC implementation**
- **High-performance scalability capable of supporting thousands of concurrent users**

This project highlights my expertise in full-stack development, systems architecture, and delivering measurable business value through technology. I continue to enhance the platform with new features based on evolving business and market needs.

### **Physiotherapy & Healthcare Systems (Full Stack Development)**

Beyond Aura, I have played a key role in developing multiple physiotherapy and healthcare management platforms. These projects deepened my experience in building secure, scalable, and patient-centered healthcare systems.

#### **Nexus Physiotherapy Management System**

A complete, end-to-end physiotherapy clinic management solution. I developed core modules including:

- Patient medical record management and clinical history tracking
- Therapist workflows with daily session logs and treatment planning
- Therapeutic package creation and automated package assignment
- Exercise guidance with image libraries, multimedia demonstration support, and regional categorization
- Vital sign recording and automated patient reminders
- Multi-role access for therapists, receptionists, admin, and regional supervisors

#### **Relief Physiotherapy Management System**

A full digital physiotherapy operation platform with modules such as:

- Appointment scheduling and therapist availability management
- Digital prescriptions with dosage instructions and treatment durations
- Patient progress monitoring with session-by-session notes
- Automated billing, package renewal notifications, and financial reporting
- Therapist-patient communication module for follow-ups

#### **Fitun Physiotherapy Management System**

An advanced physiotherapy and wellness system featuring:

- Online therapy session support via integrated video modules
- Exercise guidance with animations, images, and instructional videos
- Patient follow-up and compliance tracking
- Role-based permission handling for therapists, receptionists, finance, and admin
- Notification system for missed appointments, package expirations, and follow-up reminders

These platforms strengthened my expertise in healthcare workflows, electronic clinical data handling, secure API development, and role-based application design.

### **Frontend Development Across Multiple Websites**

In addition to large-scale systems, I have also developed and contributed to multiple modern, responsive websites as a **Frontend Developer**, using technologies such as:

- **React.js**
- **Next.js**
- **Tailwind CSS**
- **shadcn/ui**
- **DaisyUI**
- **JavaScript & TypeScript**

These websites ranged from marketing sites to dashboards and service platforms, focusing on:

- Clean, modern UI/UX
- Performance optimization
- SEO-friendly architecture
- Mobile-first responsive layouts
- Component-driven design

- Fast, accessible user experiences

2023 – 2024

### Full Stack Developer

*Ken Technologies, Inc*

I have been continuously honing my skills in developing a wide range of web applications. From the time I started until now, I have worked on numerous projects, each one contributing to my growth and expertise in the field of web development. I stay up to date with the latest technologies and industry trends, ensuring that the solutions I build are modern, efficient, and user-friendly.

My dedication to continuous learning has enabled me to improve my craft steadily, allowing me to create innovative, high-quality web applications that effectively meet the needs of clients and end users. I focus on delivering clean architecture, intuitive interfaces, strong performance, and scalable systems.

In addition to various full-stack projects, I have also developed **School Management Systems** using both **Django** and **Laravel**, integrating modules for student enrollment, attendance tracking, exam management, teacher portals, payment handling, and real-time communication. These projects strengthened my expertise in building secure, reliable, and feature-rich educational platforms tailored to institutional workflows.

2022 – 2023

### Full Stack Developer

*Esparento PLC*

I have successfully developed a variety of web applications that cater to different needs and industries. These applications range from e-commerce platforms to project management tools, demonstrating my versatility and ability to adapt to diverse technical requirements.

Through these projects, I have strengthened my skills in both front-end and back-end development, gaining deep proficiency in multiple programming languages and frameworks. I have also built strong experience in collaborating with clients, understanding their goals, and delivering solutions that consistently exceed expectations. As part of my achievements, I developed a complete **E-commerce mobile application using Flutter**, featuring user authentication, product browsing, cart and checkout workflows, secure API integration, and a smooth cross-platform shopping experience for both Android and iOS.

In addition, I built a full **E-commerce web application using React and Django**, implementing responsive UI/UX, real-time product management, order processing, payment integration, and an optimized API-driven backend—showcasing my capabilities as a full stack developer.

I have also developed a comprehensive **Case Management System for Lawyers**, designed to streamline legal workflows. The system includes modules for case registration, document management, client profiles, court schedules, legal billing, task tracking, and secure communication. This platform improves operational efficiency for law firms by centralizing information and automating repetitive legal processes. Overall, my success in building diverse web and mobile applications reflects my dedication to mastering my craft and my commitment to delivering high-quality, scalable, and user-centered solutions in every project I undertake.

2021 – 2022

### Software Developer

*Ethiopian Federal Police Commission*

One of my achievements is developing a credit and saving web system using Oracle, Angular, and Express. This project involved creating a platform that allowed users to manage their credit and savings accounts effectively. I utilized Oracle database to store and manage the data, Angular for the frontend interface, and Express for the backend infrastructure. Through my work on this project, I was able to successfully design and implement a user-friendly and efficient system that helped individuals track and improve their financial health. This achievement showcases my technical skills in web development and database management, as well as my ability to deliver projects that meet the needs of users.

## EDUCATION

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2023	<b>MSc in computer science</b> <i>Rift Valley University</i>
2021	<b>BSc in Information Technology</b> <i>Woldia University</i>

## SKILLS

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HTML/CSS	Responsive design
Browser developer tools	Security best practices
Database management (e.g. SQL, NoSQL)	Linux
CI/CD pipelines	JavaScript
UI/UX design	Backend Development (Node js, Express js, and Django)
Cloud services and deployment (e.g. AWS, Azure)	Git, and GitHub
Dart	Frameworks (e.g. React, Angular, Next JS, Vue)
SASS/LESS	API development (RESTful APIs, GraphQL APIs, and WebSocket APIs)
Docker	
Flutter	Computer Networking

## LANGUAGES

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- Amharic
- English

## INTERESTS

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- Playing Football

## CERTIFICATES

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- CCNAv7: Enterprise Networking, Security, and Automation
- CCNAv7: Switching, Routing, and Wireless Essentials
- Introduction to Networks