

# Kirubel Esayas

Software Developer

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## SUMMARY

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Results-driven System Developer with extensive experience in designing, implementing, and customizing systems and web-based applications. Proficient in developing robust and scalable systems using Django and enhancing the functionality of Odoo modules. Expertise in maintaining and optimizing call center applications, along with deploying and managing server-based systems to ensure seamless operations and reliability. Skilled at aligning technological solutions with business objectives to drive efficiency and enhance overall performance.

## EXPERIENCE

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### System Developer

Oct '23 — Present

Atcom Solutions

Addis Ababa, Ethiopia

- Implemented **bio-metric integrations** and **real-time processing** using Django and Odoo, improving security, workflow efficiency, and user experience.
- Developed **scalable systems** with Django, ensuring robustness and optimal performance under increasing user demand.
- Gained expertise in **Odoo** development, customizing modules to enhance core functionality and ensure smooth integration with business processes.
- Strengthened skills in **automated task management**, including attendance tracking, shift scheduling, and activity monitoring, enhancing operational efficiency.
- Enhanced reporting and analytics with **data export features** in formats like XLSX, providing actionable insights for business decision-making.
- Deployed and managed **server-based systems**, ensuring high availability, seamless operation, and reliability across critical business platforms.
- Improved user interfaces for non-technical users, focusing on **usability and productivity**, and delivered **CRM and property management** solutions for sales-driven environments.

## EDUCATION

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**Bachelor of Science (BS) in Computer Science**, AMERICAN COLLEGE OF TECHNOLOGY

(GPA: 3.71)

Sep '19 — Aug '23

Addis Ababa, Ethiopia

## SKILLS

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**Programming Language** HTML, CSS, JavaScript, Python

**Development Tools and Framework/Library** Bootstrap, Django, Axios, GitHub, Odoo ERP

**Database Management** PostgreSQL, SQLite, PHPMyAdmin

**Version Control System** Git

**SDLC Methodology** Agile Methodology, Scrum Framework

**Problem-Solving Skills:** Analytical and Problem-solving, Thinking critically and Creatively

**Soft Skills:** Adaptability, Teamwork, Willingness to learn new technologies

## CERTIFICATIONS

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**HTML CSS and JavaScript for web development**

COURSERA JOHNS HOPKINS UNIVERSITY

Apr '21

**The Fundamentals of Digital Marketing**

Google Digital Garage

Jun '20

**Ai Career Essential**

ALX

Jun '24

## PROJECTS

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Clinic Management system, Alliance Higher Medical Clinic PLC

Aug '24 — Sep '24

Addis Ababa

- Developed an advanced Clinic Management System using Odoo 16, enhancing patient registration and identification through biometric technology.
  - **Biometric Integration:** Implemented fingerprint-based registration, ensuring secure and accurate patient identification.
  - **Streamlined Workflow:** Enabled biometric search for doctors, lab technicians, and radiologists, improving efficiency.
  - **Django Web App:** Designed and deployed a Django application for real-time fingerprint capture and search via API.
  - **Real-Time Communication:** Utilized Django Rest Framework and WebSockets for instant fingerprint search results and live capture feedback.
  - **Impact:** Increased operational efficiency, security, and patient management through seamless biometric integration.

Integration of Attendance, Shift, and Activity Management for Call Center System, Atcom Solutions Jun '23 — Aug '23

- Enhanced the call center management system with a Django-based solution for attendance tracking, shift management, and agent activity monitoring.
  - **Automated Attendance:** Enabled automatic attendance logging based on system login.
  - **Shift Management:** Created dynamic weekly shift scheduling for optimized resource allocation.
  - **Activity Tracking:** Integrated real-time tracking for breaks and tasks, providing insights into productivity.
  - **Comprehensive Reporting:** Developed XLSX report generation tools for attendance and shift analytics.
  - **Impact:** Boosted productivity and improved operational oversight, streamlining call center operations.

Jenboro Real-Estate Marketing System, Jenboro Real-Estate Oct '23 — Dec '23

- Designed and implemented a marketing and customer management system using Odoo 15 to transform the real estate sales process.
  - **Customer Registration & CRM:** Streamlined customer registration and integrated a CRM pipeline for sales tracking.
  - **Property Management:** Built a detailed property listing interface to enhance the customer browsing experience.
  - **Sales Agreements & Payments:** Automated sales agreement preparation and implemented transparent payment collection.
  - **Impact:** Improved real estate transaction efficiency and customer satisfaction by optimizing registration, property management, and payment processes.