# Kirubel Sentayehu Tadesse

*Full-Stack Engineer*

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## PROFILE

I have always been inspired by how technology can solve problems and improve lives. As a Full-stack developer, I enjoy creating applications that are easy to use and impactful. I focus on solving challenges and turning ideas into feasible solutions that make a difference. With the principle of consistent improvement, I aim to bring creativity and meaningful contributions to every project I work on. I am ready to make a significant impact. I am seeking an opportunity to showcase my creativity and skills.

## WORK EXPERIENCE

**Full-Stack Engineer,** *Manifest Automation* 05/2024 – Present | California, United States
- Developed AI agents for e-commerce SaaS product that helps MercadoLibre retailers automate pricing, promotions, and Buy Box monitoring using OpenAI Agents SDK .
- Built SEO-optimized website for the **Crosstalk app** serving over **30K** users using **Wagtail CMS, Tailwind CSS, Django** and **React**.
- Implemented multilingual support, semantic search, and **LLM-driven spam filtering** for blog comments, resulting in a significant **boost** in organic traffic and user engagement.
- Developed and maintained the front-end and back-end of an AI SaaS platform powering an assistant chatbot service for churches and cities using **Django** and **React**.

**Full Stack Engineer,** *LEX560* 01/2024 – 09/2024 | California, United States
- Built employer admin side for managing job posts
- Created LLM based resume and cover letter generator based on the applicant profile and job description.
- Implemented job matching feature using Pinecone and Open AI's text embedding models
- Utilized multi-agent architecture using **Crew AI** for LLM based features
- Utitlized mainly Next.js, Redux Toolkit and Node.js for the frontend and backend development

**Frontend Engineer,** *Linkt* 06/2023 – 02/2024 | Austin, United States
- Designed and developed linkt.ai using **Next.js, Typescript, Tailwindcss, Three.js** and **Wordpress** as a headless CMS.
- Implemented blog feature using **Graphql** and **Wordpress** as the backend.
- Worked on SEO and enhanced the website performance.

**Frontend web developer intern,** *Africa To Silicon Valley* 08/2023 – 11/2023 | Addis Ababa, Ethiopia
**Project link**
- Built **40%** of the project and led the triad team to successfully clone the A2SV website.
- Implemented token based authentication and a fully functional profile edit section.
- Built a fully responsive landing page, Navigation bar and Footer.
- Tools used **Next.js, Redux Toolkit, Typescript and Tailwindcss.**

**Software developer intern,** *4K Labs* 09/2021 – 06/2023 | Addis Ababa, Ethiopia
- Collaborated on building autonomous car project using toy car, Raspberry pi 3, camera module, OpenCV and YOLO.
- Contributed to the Alpha 1S Robot Robo Soccer Project by creating python script to decode action messages sent from the robot
- Developed a control panel web app for the Alpha 1S robot using React.js and Django, making it easy to control the robot joints completely through the control panel.

## EDUCATION

**MSc in Artificial Intelligence,** *Addis Ababa University* 09/2024 – 07/2026 | Addis Ababa, University

**Bachelor's in Computer Science,** *Addis Ababa University* 10/2019 – 06/2023 | Addis Ababa, Ethiopia
**CGPA: 3.88 / 4.00**
13th Best University in Africa

**Coding Academy,** *Africa To Silicon Valley - Backed by Google* 12/2022 – 11/2023 | Addis Ababa, Ethiopia
- A2SV is an intensive data structures and algorithms training academy that has enabled 50+ University students to secure internships and full- time positions in top tech companies, including **Google**, **Palantir**, **Bloomberg** and **Databricks**.
- By participating in this program it enabled me to improve my problem solving skill as well as personal development and interview preparation. Moreover, it has helped me to successfully solve over 400 challenges on **Leetcode**.

## SKILLS

**Programming Languages**
Python, Typescript/Javascript/Node.js

**Frameworks / Libraries**
Langchain, Langsmith, Next.js, React.js, Tailwind CSS, Django

**Development Tools**
- Claude Code
- Cursor