

Yemisirach Tamirat

FULL STACK WEB DEVELOPER

yemsrach3723@gmail.com | [GitHub](#) | [LinkedIn](#) | [Twitter](#) | [Portfolio](#)

SUMMARY

Results-driven AI-Driven Full Stack Developer with 6 years of software development experience, including 3 years building AI-powered applications and intelligent automation systems. Experienced in designing, developing, and deploying scalable, production-ready web applications using TypeScript, Next.js, React, Node.js, NestJS, PostgreSQL, Prisma, and Docker. Skilled in integrating large language models (LLMs), AI APIs, and agent-based workflows into real-world products. Proven ability to build end-to-end solutions—from intuitive frontend experiences and robust backend architectures to cloud deployment and system optimization. Passionate about leveraging modern AI technologies to solve complex problems and deliver high-impact software.

SKILLS

Languages:

TypeScript, JavaScript (ES6+), SQL, HTML5, CSS3

Frontend:

Next.js, React.js, Tailwind CSS, Bootstrap, Redux, Zustand, React Query, Server Components, Server Actions, Responsive Web Design

Backend:

Node.js, NestJS, Express.js, PostgreSQL, Prisma ORM, Drizzle ORM, REST APIs, Authentication & Authorization, Database Design

AI & LLM Development:

OpenAI API, Vercel AI SDK, AI Agents, OpenClaw, Prompt Engineering, AI Workflow Automation, LLM Integration, AI-Assisted Development

DevOps & Cloud:

Docker, Docker Compose, Linux, Nginx, PM2, Git, GitHub, VPS Deployment, Vercel, Netlify

Professional Skills:

System Architecture, Full-Stack Development, AI Product Development, Code Reviews, Technical Documentation, Remote Collaboration, Agile Development, Team Leadership, Problem Solving, Mentoring

EXPERIENCE(6year of experience)

AI Agent Infrastructure & Operations

Jan 2026 – Present

AI-assisted software engineering and automation infrastructure

- Designed and operated persistent AI agent infrastructure integrated into daily software engineering workflows.
- Built systems that combine multiple frontier AI models with development tools to support coding, debugging, research, and operational tasks.
- Developed practical experience with multi-agent workflows, model integration, prompt engineering, and AI-assisted automation.

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- Explored methods for making AI agents more reliable, persistent, and useful in real-world engineering environments.

Nore — Founder & Technical Lead

Dec 2024 – Present

AI-enabled real estate marketplace platform

- Designed and built a full-stack production marketplace using TypeScript, Next.js, NestJS, PostgreSQL, Docker, and PM2-based VPS deployment infrastructure.
- Architected and maintained independent frontend and backend services, improving deployment reliability and local development workflows.
- Led end-to-end engineering across system architecture, database design, API development, authentication, infrastructure, and production operations.
- Applied AI-assisted development workflows to accelerate engineering, debugging, and product iteration.

Top Beverage Trading and Industry (Top Water Ethiopia)

Sep 2023 – Present

- Developing a comprehensive Task Management System using Next.js, TypeScript, Prisma ORM, and Server Actions to improve workflow automation.
- Developing and maintaining the official Top Water Ethiopia and Amazing Star platforms using Next.js, Tailwind CSS, and [Express.js](#).
- Whatsapp pole automation system for digital marketing workflow automation

Fleet Platform — Technical Lead

Dec 2024 – Present

Infrastructure and fleet management system

- Designed the foundation for a multi-project production environment running on shared VPS infrastructure.
- Established deployment patterns, service isolation, and operational workflows for running multiple applications reliably.
- Currently leading requirements analysis and architecture planning for the platform.

Vawick Consulting (Remote)

April 2023 – Sep 2025

- Developed key features for an e-commerce website using React and Jest for unit testing.
- Led code review sessions and implemented robust testing practices to maintain high code quality and session security.

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Smartlink Properties Management PLC

Feb 2025 – April 2026

- Developing the Oromia Supreme Court system using Next.js for the frontend and NestJS for the backend.

Full Stack Web Development Student & Mentor

Nov 2022 – Oct 2024

- Mastered full-stack development through intensive project-based learning, building multiple projects independently and via pair programming.

Browsio

Oct 2022 – Present

- Frontend Developer (Volunteer).

Microverse (Remote)

March 2022 – Present

- Mentor (Volunteer): Provided guidance and code organization improvements to students to enhance code quality and program performance.

EDUCATION

MICROVERSE

Nov, 2022 – May, 2023

Remote Full Stack Web Development Program, Full Time

- Spent 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with Ruby, JavaScript, React, and Redux.
- Developed skills in remote pair-programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.

Education

Microverse:- Software development

Nov 2022– May 2023

:- Certified from Microverse :-Html css module, Javascript and Networking module, Redux React module and Rubiy and rails module.

Intensive program (Bootcamp)

Evangadi Bootcamp :- Full stack web developer

March 2022 –Aug 2022

Degree

2016 – Feb, 2021

Bachelor of Science in Civil Engineering from Aksum university.