

Israel Assefa

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IsraelPortfolio.com



SKILLS

Technical Skills React.js, Next.js, Tailwind CSS, React Native, Expo, Typescript, Node.js, MongoDB, PostgreSQL and MySQL; familiar with version control using Git and GitHub.

Soft Skills Strong problem-solving abilities, effective communicator, team player, quick learner, adaptable to new technologies, self-motivated, detail-oriented, accountable, and user-focused.

EXPERIENCE

AFRONEX TECH HUB

Eshet, DD

Backend Developer

June 2025 – Aug 2025

- Designed and implemented a RESTful API backend with proper MVC architecture.
- Developed robust PostgreSQL schemas to handle complex relationships between customers, employees, services, and assignments.
- Integrated features such as file uploads, status tracking, and scheduled tasks (recurring orders).
- Applied Sequelize ORM for efficient database interactions and query abstraction.
- Followed best practices in error handling, input validation, and authentication (JWT).

ET-656 COMPASSION'S

Meskelegna, DD

FullStack Developer

Jan 2024 – May 2024

- Designed and developed a full-stack real-time collaboration platform for humanitarian service coordination.
- Implemented a RESTful API backend with modular MVC architecture using Express.js and MongoDB.
- Built interactive frontend components with React.js and Tailwind CSS for a clean, responsive UI.
- Integrated real-time communication using Socket.IO for live chat, notifications, and task updates.
- Applied role-based access control and secure JWT authentication for user management and data protection.

MABA APPAREL DESIGN

Gurdshola, AA

MernStack Developer

May 2023 – Oct 2023

- Designed and developed a modern apparel showcase and management platform using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Built responsive and visually appealing UI components using React-Bootstrap, ensuring a seamless experience across devices.
- Developed RESTful APIs to manage product data, user accounts, and image assets efficiently.
- Integrated secure user authentication and role-based access control using JWT.
- Applied MongoDB schema design to handle product collections, categories, and media references.
- Followed best practices in full-stack development, including modular architecture, reusable components, and clean API design.

@Codealpha Intern

July 2023 – Aug 2023

- Built a full-stack social media platform with Next.js, Node.js, and MongoDB, featuring user authentication (JWT), posts, likes, and comments.
- Designed responsive and accessible UI components using React and Tailwind CSS with support for image uploads and real-time updates.
- Structured scalable backend APIs with secure route handling, MongoDB schemas, and clean code architecture.

EDUCATION

BAHIRDAR UNIVERSITY | BS in Computer Science

2022 – 2026

- Relevant Course: Mobile and Web Application Development, Database Systems, Data Structures and Algorithms, Operating Systems, Computer Networks, Software Engineering

CERTIFICATIONS

Certified in PostgreSQL, MySQL & MongoDB.	2025
Professional UI/UX Design Certification.	2025
Flutter Masterclass: Complete App Development Guide.	2025
CI/CD Automation with Jenkins & Docker.	2025

PROJECTS

DENT AI | [link ↗](#)

Sept 2025 – Oct 2025

- Frontend: Next.js + TypeScript + Tailwind CSS + Shadcn UI.
- Backend: Clerk + PostgreSQL + Prisma ORM.
- An AI-powered dental platform that allows patients to book appointments in a 3-step flow, receive real-time updates, interact with a voice assistant, and manage subscriptions seamlessly.

MY NOTES PLATFORM | [Link ↗](#)

July 2025 – Aug 2025

- Frontend: React + TypeScript + Tailwind CSS
- Backend: Node.js (Express) + MongoDB + Nodemailer.
- A modern note-taking platform to capture and organize ideas. Built with React, Express, TypeScript, MongoDB, Tailwind CSS, and OTP authentication via Nodemailer.

SERVICE ORDER MANAGEMENT SYSTEM | [Link ↗](#)

June 2025 – Aug 2025

- Frontend: React + TypeScript + Vite + Tailwind CSS
- Backend: Node.js (Express) + TypeScript + Drizzle ORM + PostgreSQL.
- An intuitive platform that streamlines the entire service order process, enhancing efficiency and providing real-time insights.

SPIRITUAL BOOK MOBILE APP | [Link ↗](#)

Oct 2024 – Nov 2024

- **Frontend:** React Native + Expo + TypeScript + Zustand + Tailwind CSS
- **Backend:** Node.js + Express.js + Cloudinary + JWT Authentication
- A cross-platform mobile app that allows users to share and discover spiritual books easily.
- Includes secure user authentication, book upload and sharing features using Cloudinary, and an elegant modern UI with Expo Router and Tailwind CSS.
- Designed with a smooth, fast interface and minimal setup – no external database, ensuring simplicity and lightweight performance.

MEDICINE TRACKER MOBILE APP | [Link ↗](#)

June 2024 – Aug 2024

- Frontend: React Native + Expo + TypeScript + Tailwind CSS
- Backend: Firebase (Auth, Firestore, Notifications).
- A smart mobile app to help users manage and track their medications. Includes user authentication with Firebase, medicine reminders using Expo Notifications, and a clean modern UI built with Tailwind CSS. Features add, edit, and delete medicine schedules, local storage with AsyncStorage, and smooth navigation using Expo Router with Tab and Stack Navigation.

ET-656 PLATFORM | [link ↗](#)

Jan 2024 – May 2024

- Frontend: React + Tailwind CSS + Zustand (for state management).
- Backend: Node.js (Express) + MongoDB.
- A platform that connects Compassion children with leaders for one-on-one mentorship via chat and video calls.

MABA APPAREL ECOMMERCE WEBSITE | [Link ↗](#)

May 2023 – Oct 2023

- Frontend: React + React-Bootstrap + Redux (for state management).
- Backend: Node.js (Express) + MongoDB.
- A trend-driven apparel e-commerce app offering personalized fashion designs and seamless shopping experiences.