Elyas Yenealem

BSc in Computer Science

BA in BAIS

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SKILLS

✓ **Front end development**
- HTML
- CSS
- JavaScript
- React
- TailwindCSS

✓ **Back end development**
- PHP
- MySQL
- **Node.js**
- **Express.js**
- **MongoDB**

✓ **Version Control**
- GIT
- GitHub

✓ **Programming Languages**
- C++
- Java
- JavaFx

Languages

✓ Amharic and English.

SUMMARY

I'm a senior Computer Science student at Unity University(expected graduation: February 2026) and Business Adminstration and Information System (BAIS) student at Addis Ababa University. As a senior student I specialize in fullstack development, combining technical skills in HTML, CSS, Javascript (React,Node), PHP, and databases (MySQL,MongoDB,PostgreSQL) with a collaborative approach to problem solving. As a team contributor, I co developing NoteDown, an AI-powered blogging tool, implementing secure authentication and responsive UIs with react. My freelance work for Ghion Homes working closely with teammates to integrate PostgreSQL and dynamic content management. These experience strengthened my ability to translate ideas into scalable solutions while thriving in a team environments.

EXPERIENCE

Frontend Development Intern

Prodigy InfoTech — Remote | May 2024 – June 2024

Technologies: HTML5, CSS3, JavaScript, React.js

Overview
Completed a one-month remote internship focused on designing and developing multiple front-end projects independently. Enhanced abilities in building responsive, accessible, and user-friendly websites using core web technologies.

Key Responsibilities

• Developed interactive web applications using HTML5, CSS3, and JavaScript.

• Created custom layouts and implemented unique features tailored to project requirements.

• Followed best practices in web development, including semantic markup, mobile-first responsive design, and maintainable code.

Key Achievements

• Strengthened front-end development skills through hands-on experience with real-world tasks.

• Gained practical knowledge in UI design, feature implementation, and cross-device compatibility.

Freelance Full-Stack Developer

Real Estate Sales Website for Ghion Homes Agent | July 2024 – Aug 2024

Technologies: HTML5, CSS3, JavaScript, Node.js, postgreSQL

Overview

Built and deployed a professional real estate website for a Ghion Homes sales agent with dynamic content management features. The site showcases property listings, integrates social media videos, and allows the client to manage content through a custom admin panel.

Key Responsibilities

- Led design and development on both frontend and backend using **HTML, CSS, JavaScript, Node.js, and PostgreSQL**.
- Built dynamic property listing features driven by a PostgreSQL database, enabling real-time updates.
- Developed an intuitive admin panel for the client to manage:
- Property Listing
- Embedded TikTok and YouTube videos
- Testimonails and other website content
- Implemented **multi-language support** to serve diverse users.
- Integrated multimedia features including **3D video presentations** of properties.
- Ensured mobile responsiveness and cross-browser compatibility.
- Managed hosting, deployment, and maintenance of the live website.

Key Achievements

- Delivered a fully functional, client-approved, and publicly accessible website with dynamic content management.
- Empowered the client with an easy-to-use admin system for ongoing website updates without developer intervention.

  Live link: https://ghionhomessales.com/

Bootcamp Projects

NoteDown - Modern Blogging Platform

Technologies: React.js, Tailwindcss, Node.js, Express.js, MongoDB

Overview
Developed a modern, full-stack blogging platform enabling users to create, manage, and interact with blog content. The platform supports rich media uploads, user engagement features, and integrates an AI-powered writing assistant for content creation support.

Key Responsibilities
• Implemented full CRUD operations for blog posts with secure data storage in MongoDB.
• Built responsive and visually appealing frontend using React.js and Tailwind CSS.
• Integrated JWT authentication for secure user signup, login, and logout.
• Developed image upload functionality with validation for size and format.
• Created an interactive comment system allowing threaded discussions.
• Added post likes functionality to boost community engagement.
• Integrated an AI-powered assistant to help users generate and refine blog content.
• Designed RESTful APIs in Node.js and Express.js for backend operations.

Key Achievements
• Delivered a fully functional, interactive blogging platform with modern UI and UX.
• Enabled rich user interaction through comments, likes, and multimedia support.
• Improved user retention and satisfaction with AI-assisted writing tools.

Live link: https://notedowny.netlify.app/

Freelance Full-Stack Developer

Bluelight Academy School Management System | Aug 2024 – Sept 2024

Technologies: React.js, Tailwind CSS, Node.js, Express.js, MongoDB, JWT, bcrypt.js

Overview

Designed and developed a comprehensive school management system tailored for Bluelight Academy. The platform

provides full administrative control over students, employees, payments, and system settings, with advanced role-based access and multilingual support (English & Amharic).

Key Responsibilities

• Architected and implemented a full-stack web application using React.js, Node.js, Express.js, and MongoDB.

• Developed secure authentication & authorization with JWT, refresh tokens, and role-based access control

(Superadmin, Admin, Manager).

• Built complete student and employee management modules, including class assignments, status tracking, and bulk operations.

• Implemented payment management features with monthly tracking, payment history, PDF report generation, and real-time analytics.

• Designed a responsive UI with Tailwind CSS, dark/light theme toggle, and bilingual (English & Amharic)
language support.
• Secured the system with bcrypt password hashing, permission-based route protection, and session management.
• Set up RESTful API endpoints and integrated frontend with backend services.

Key Achievements

• Delivered a **production-ready school management system** used internally by Bluelight Academy.

• Successfully integrated **multi-language support (English & Amharic)** with real-time switching.

• Built a **robust payment tracking system**, reducing manual work by automating reporting and payment status updates.

• Designed and deployed a **modern, responsive dashboard** with real-time statistics and quick actions for administrators.

• Implemented a **granular permission system** (9 different access levels), ensuring high security and controlled admin management.