

YIHUNE BELAY SEBSIBE

Full Stack Developer

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 Ethiopia

 Make



PROFESSIONAL SUMMARY

Passionate and driven 4th-year Software Engineering student with expertise in full-stack web development and a proven track record of building modern, responsive applications.

Specializing in React, Node.js, and database management with strong problem-solving abilities and a collaborative mindset. Committed to crafting user-centric experiences and delivering efficient, impactful solutions that address real-world challenges through innovative technology implementations.

Digital roster system for managing student information, contact details, attendance tracking, and academic records with an intuitive admin dashboard.

EDUCATION

Bachelor of Science in Software Engineering,

2024

Bachelor of Science in Software Engineering Haramaya University

TECHNICAL SKILLS

Frontend Development

- React – Dynamic UIs and component-based architecture
- JavaScript – Core logic and interactivity implementation
- Tailwind CSS – Utility-first styling for rapid design development
- Bootstrap – Responsive layouts with prebuilt components
- HTML/CSS – Semantic structure and custom styling

Database Management

- MySQL – Relational database management and optimization
- MongoDB – NoSQL database for flexible data modeling

Backend Development

- Node.js – JavaScript runtime for server-side logic
- Express.js – RESTful API development and routing
- PHP – Lightweight scripting and legacy system integration

Development Tools & Technologies

- Git & GitHub – Version control and collaborative development
- REST APIs – Data exchange and system integration
- VS Code – Advanced development environment utilization
- Full-stack development lifecycle management
- Problem-solving and analytical thinking
- Cross-functional team collaboration

CERTIFICATIONS AND AWARDS

Code Competition Winner College Programming Competition, Haramaya University

- Demonstrated exceptional problem-solving skills and coding proficiency
- Recognized for innovative approach to algorithmic challenges
- Showcased ability to work under pressure and deliver optimal solutions

PROJECTS

Association Union Management System, Full Stack Developer

Designed and developed a comprehensive web-based management system for student associations and unions, demonstrating expertise in full-stack development and database design.

- Technologies Used: React, Node.js, Express.js, MySQL, JavaScript, Tailwind CSS
- Key Features Implemented:
 - Member management system with user authentication and role-based access
 - Event coordination module with scheduling and notification capabilities
 - Voting system with real-time results and secure ballot management
 - Financial tracking dashboard with transaction monitoring and reporting
- Impact: Streamlined administrative processes and improved organizational efficiency for student unions
- Skills Applied: Full-stack development, database design, user experience optimization, API integration

Student Contact & Roster Management:

Overview: A web-based application for efficiently managing student data and academic records through an intuitive admin dashboard.

Key Features:

-  Manage student profiles and contact information
-  Track and update student attendance records
-  Store and monitor academic performance data
-  User-friendly admin dashboard for streamlined navigation and control

Tech Stack:Frontend: HTML, CSS, JavaScript

- **Backend:** PHP
- **Database:** MySQL
- **Tools & Libraries:** Bootstrap, AJAX, and other supporting technologies

Purpose & Impact:

- Simplifies administrative tasks for educators and institutions
- Enhances data accuracy and accessibility
- Provides a scalable foundation for future academic management features

ADDITIONAL QUALIFICATIONS

- Problem-Solving Excellence: Proven ability to analyze complex technical challenges and implement effective solutions
- Practical Application Focus: Experience in creating real-world applications that address genuine user needs
- Collaborative Leadership: Strong communication skills with experience in cross-functional team environments
- Continuous Learning: Self-motivated learner staying current with emerging technologies and industry best practices
- Project Management: Experience in full project lifecycle from conception to deployment and maintenance