

# YIHUNE BELAY SEBSIBE

## Full Stack Developer

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### 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

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### **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

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- 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