Habtamu Semagn

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Education

Bachelor of Science in Software Engineering   Expected May 2027
University of Bahir Dar, Bahir Dar, Ethiopia
Cumulative GPA: 3.7/4.0

Technical Skills

Languages: JavaScript (expert), TypeScript (working knowledge), HTML, CSS, Rell (prior experience)
Frameworks & Libraries: React, Next.js, Node.js, Express, React Leaflet
Databases: MongoDB, SQL
Tools & Platforms: Git, GitHub, Vercel, Visual Studio Code

Projects

FastPizza (React, JavaScript, CSS)   2023
Web application for ordering pizzas with a responsive cart system.

· Designed a user-friendly cart interface to display ordered products, enhancing the ordering process.
· Built a responsive frontend, ensuring compatibility across devices for seamless user interaction.

Worldwise (React, React Leaflet, JavaScript, CSS)   2023
Web app for users to log visited locations with country, description, and geolocation data.

· Integrated React Leaflet for interactive map-based location tracking, improving user engagement.
· Implemented fake authentication to secure user data, ensuring a streamlined login experience.

Task Management Application (React, JavaScript, CSS)   2024
Web application enabling users to create, edit, complete, and delete tasks with details like title, description, deadlines, and categories.

· Developed a dynamic dashboard with a pie chart visualizing task completion metrics, a task creation form, and sections for nearest deadlines and recent tasks.
· Implemented dark/light mode toggle and task filtering by creation date, priority, and category, enhancing user experience.
· Deployed on Vercel with a private GitHub repository, ensuring smooth performance and accessibility.

Additional Experience

Chromia Blockchain Internship Program   2024
Competitive program focused on blockchain development.

· Built a project using Rell, a blockchain-specific language, demonstrating adaptability to new technologies.
· Gained hands-on experience in decentralized application development, strengthening problem-solving skills.

MERN Stack Training (Evangadi Tech)   2023
Completed comprehensive training in MongoDB, Express.js, React, and Node.js.

· Mastered full-stack development concepts, applying them to build scalable web applications.