

# Emmanuel Abebe

Junior Frontend Engineer

## CONTACT

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## SUMMARY

Junior software engineer with hands-on experience building React and full-stack web applications. Strong foundation in JavaScript, TypeScript, REST APIs, and databases. Comfortable working across frontend and backend, deploying projects, and debugging production issues. Seeking an entry-level frontend or full-stack role

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## PROJECTS

### Full-Stack Web Application (React + API)

- Built a full-stack web application using React, TypeScript, and a REST API
- Implemented client-side state management, form handling, and API integration
- Designed backend endpoints and connected to a relational database
- Deployed application and handled debugging across frontend and backend

### Full-Stack Web Application (React + API)

- Developed a responsive web interface using React and modern CSS
- Converted UI designs into reusable components
- Integrated external APIs and handled async data loading
- Focused on performance, accessibility, and clean component structure

### Data / Utility Project (Optional but strong)

- Built scripts in Python to process and analyze data
- Worked with structured data and SQL queries
- Used Linux command-line tools for automation

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## TECHNICAL SKILLS

### Frontend

React, Next.js, Typescript, Javascript (ES6+), HTML5, CSS3, Tailwind

### Backend

REST APIs, Flask, PostgressSQL, SQLite, MongoDB

### Tools

Git, GitHub, Linux, Bash, VS Code

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## EDUCATION

### Bachelor of Science in Computer Science

- University of Maryland Global Campus
- Completed: 2025

### Previous Coursework in Computer Science

- Iowa State University
- Montgomery College

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## EXPERIENCE

### Undergraduate Research Assistant

Iowa State University — Ames, IA (May 2021 – Oct 2021)

- Conducted theoretical research on multi-particle quantum systems, developing and analyzing formal mathematical models for system separability using linear algebra and structured reasoning; documented results for technical review.