

# Isah Timothy

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Innovative full-stack developer specializing in transforming complex technological challenges into scalable, high-performance solutions through advanced web development, AI integration, and cloud-native architectures.

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## Skills

- **Programming language:** JavaScript, TypeScript, Zig, Rust, C
  - **Database Management:** MySQL, MongoDB, PostgreSQL, Data Backup and Recovery, Database Security
  - **Technologies & Frameworks:** React, Next.js, Express, Tailwind, Github, Git, AWS, Cloudflare, Vercel, Linux, LangChain, LangGraph, Redis, Vim, Docker, Nginx, RESTful API
  - **Methods:** Agile Software Development, CI/CD, API Integration, Debugging, low-level optimization, FP, OOP
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## Work Experience

### Ecramme, FrontEnd Eng

(02/2025-04/2025)

- Developed an interactive map visualization system using Next.js and Mapbox GL to render geospatial data (GeoTIFF) efficiently.
- Optimized performance by implementing efficient rendering techniques, reducing load times, and improving map responsiveness.
- Engineered a custom calculation system to process and transform geospatial data, ensuring accurate representation on the map.
- Collaborated with backend teams and Researchers to integrate data pipelines, ensuring seamless and accurate data flow

### Ghost Market, FullStack Eng

(04/2025-05/2025)

- Designed and maintained a high-performance API, optimized database queries, and managed VPS (Virtual Private Server) for deployment and scalability.
  - Built a WebSocket-based chat system for instant messaging and developed an efficient order-processing logic to handle high transaction volumes.
  - Redesigned the platform's UI for a sleek, intuitive experience and created an interactive admin dashboard for order confirmations, analytics, and user management.
  - Optimized the platform to support thousands of concurrent users while ensuring fast load times and minimal downtime.
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## Projects

### Distributed Task Management System API

#### 🌐 Github repository

Making task distribution easier and enhancing team productivity

Redis, Socket.io, Node.js, GitHub Actions

### HR Agent

#### 🌐 Github Repository

Making HR task smooth and easier

TypeScript, LangGraph, Mongo Vector Database, Claude, ChatGPT