

ANA MOHAMMED

Full Stack Engineer | React, Node.js & AI Specialist

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github.com/anamdtech

PROFESSIONAL SUMMARY

Results-oriented Full Stack Engineer with expertise in building scalable web applications using the PERN stack (PostgreSQL, Express, React, Node.js). Passionate about integrating Artificial Intelligence into modern interfaces. Proven track record of engineering secure, type-safe architectures with focus on performance and clean code standards.

TECHNICAL SKILLS

Frontend: React.js, TypeScript, Tailwind CSS, Framer Motion, Vite

Backend: Node.js, Express, REST APIs, Prisma ORM, JWT Auth

Database: PostgreSQL, Neon (Serverless), Cloudinary

DevOps & Tools: Git, GitHub, Docker, Vercel, Render, Postman

AI Integration: OpenAI API, Prompt Engineering, Resend API

KEY PROJECTS

AnaMdTech Intelligent Portfolio System

2024 - Present

Full Stack Engineer | React, Node.js, PostgreSQL, OpenAI

- Engineered a high-performance personal brand platform featuring a custom-built Headless CMS for managing projects and blogs.
- Developed a **context-aware AI Chatbot** using OpenAI's API to act as an automated recruiter assistant.
- Implemented secure **JWT Authentication** and Role-Based Access Control (RBAC) for the admin dashboard.
- Integrated **Cloudinary** for optimized image handling and **Resend** for transactional email services.
- Achieved 100% Core Web Vitals score through code splitting and lazy loading with Vite.

Burger Bite E-Commerce UI

Frontend Developer | React, Tailwind, Framer Motion

- Designed a pixel-perfect, responsive restaurant interface focusing on modern typography and smooth micro-interactions.
- Utilized Framer Motion to create engaging scroll animations, increasing user session time.
- Structured modular React components to ensure reusability and maintainability.

EXPERIENCE

Freelance Software Engineer

2023 - Present

Remote

- Delivered full-stack web solutions for clients, translating business requirements into technical specifications.
- Optimized legacy codebases, improving page load speeds by up to 40%.
- Collaborated with design teams to implement responsive, accessible UI/UX.

EDUCATION

B.Sc. in Software Engineering

2026

Arba Minch University, Ethiopia

CERTIFICATIONS

Full Stack Web Development Bootcamp

Advanced React & TypeScript Patterns