

Yasir Raza

NEXT.JS ENGINEER

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Karachi, Pakistan

ABOUT

Frontend engineer specializing in Next.js App Router, AI-integrated UI systems, and scalable component architecture. I build systems where AI is the product and not a feature. Working daily with LLM APIs, prompt engineering, TypeScript, TailwindCSS, and monorepo architecture in fast-moving, high-ownership environments.

EXPERIENCE

Codet.ai | Ai Software Engineer - Fulltime

August, 2025 - Current

- **Architected** an AI-assisted visual website builder (Shopify/Framer-comparable) by integrating LLM API calls directly into the generation pipeline, enabling users to produce production-ready Next.js sites through natural language prompts and DSL imports.
- **Engineered** live prompt engineering systems and system prompt flows connected to the product's AI generation features, designing and iterating on prompts that power real user-facing outputs at scale.
- **Built** AI-integrated UI components and chat-style interfaces consuming LLM API responses in real time, handling streaming output, structured JSON parsing, and graceful error states across generative workflows.
- **Designed** a 3-tier atomic design system (Atoms/Molecules/Organisms) in Next.js App Router with TypeScript, reducing new feature UI development time by 40% across the platform.
- **Engineered** a runtime theme injection architecture using high-level wrapper components, enabling full UI/UX rebranding with zero component-level changes, cutting theming effort from days to seconds.
- **Contributed** directly to monorepo and multirepo architecture decisions, establishing reusable module boundaries and import conventions that improved developer experience across cross-functional teams.
- **Worked** on CI/CD pipeline configuration on Bitbucket, connecting frontend and backend pipelines to streamline deployments and eliminate manual release steps for the engineering team.
- **Implemented** a Apple styled conversational typography animation engine for narrative UI on wait screens, increasing user engagement and session depth with a Steve Jobs styled launch events.
- **Integrated** OAuth 2.0 flows, third-party API connectors, and a multi-step onboarding pipeline, building scalable compliant auth architecture designed to grow at speed.
- **Enforced** code quality across all Git workflows using ESLint, Prettier, and Husky pre-commit hooks, maintaining consistent and reviewable output at every pull request.

BlockApex | Front-End Development - Internship

August, 2024 - September 2024

- **Delivered** 10+ responsive React web-pages using TailwindCSS for U.S.-based blockchain clients, accelerating project delivery by one week through reusable, well-documented code.

CARE Organisation | Front-End Development - Freelance

June, 2023

- **Collaborated** with Habib University & DOW students on a social work to make a fully responsive community website using Next.js and TailwindCSS, improving donor trust and online engagement.

EDUCATION

FAST NUCES

Bachelors in Computer Science (2021 - 2025)

The City School PAF Chapter

A levels (2019 - 2021)

O levels (2016 - 2019)

SKILLS

HTML / CSS / Bootstrap / Tailwind

C / C++

JavaScript (Node, Express, React, Next)

TypeScript

Python (Flask, FastAPI, AI, ML)

Oracle | MySQL | PSQL | MongoDB

LLM API | Prompt Engineering | Generative UI