

Syeda Abiha Ahmed

Front-End Developer | React • Next.js • Spec-Driven Development • AI-Integrated Applications

📍 Karachi, Pakistan

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🌐 Portfolio: <https://abihacode.vercel.app/>

Professional Summary

Front-End Developer with hands-on experience building scalable, high-performance web applications using **React, Next.js, TypeScript, and modern UI frameworks**. Strong believer in **spec-driven software development**, translating clear requirements into maintainable, reusable, and production-ready code. Experienced in API integration, authentication flows, and performance-focused UI design. Demonstrated ability to work across domains by delivering AI-integrated applications in hackathon environments. Comfortable collaborating in fully remote, cross-functional teams and continuously improving systems for reliability and user experience.

Technical Skills

Frontend: JavaScript (ES6+), TypeScript, React.js, Next.js

UI & Styling: Tailwind CSS, ShadCN, Framer Motion, Responsive Design

Forms & State: React Hook Form, Component-Based Architecture

Backend & AI Exposure: Python (working knowledge), RAG-based chatbot integration, API consumption

Tools: Git, GitHub, REST APIs

Practices: Spec-Driven Development, Reusable Components, Performance Optimization Basics

Projects

Humanoid Robotics Platform — Hackathon Project

- Designed and developed a **production-style web application** using **React, Next.js, and TypeScript** following a **spec-driven development approach**

- Implemented **secure authentication**, API-driven data flows, and modular, reusable intelligence components
- Integrated a **RAG-powered chatbot** to enable intelligent, context-aware user interaction
- Focused on scalability, clean architecture, and optimized UI performance under hackathon constraints
- Project documented and published as a **humanoid robotics book**, with full implementation showcased in portfolio

E-Commerce Web Application

- Built a responsive e-commerce interface using **React and Tailwind CSS**
- Developed reusable product card components, filtering logic, and clean layout structures
- Ensured cross-device compatibility and optimized UI rendering

Blog Platform (Headless CMS)

- Developed a blog platform using **Next.js and Sanity CMS**
- Implemented dynamic routing, API-based content fetching, and SEO-friendly layouts
- Focused on maintainable code structure and consistent user experience

Education

FSc Pre-Medical (In Progress)

Govt. Degree College for Women North Nazimabad — Karachi, Pakistan
2023 – Present

Additional Highlights

- Experience working under **hackathon timelines** with real delivery expectations
- Strong attention to UI quality, performance, and usability
- Comfortable learning and applying new technologies quickly
- Actively building AI-integrated front-end systems for real-world use cases

Availability: Full-time Remote

Compensation Expectation: Open to discussion based on role and responsibilities