Nadia Akter

AI-Driven Full Stack Web Engineer in Training

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CAREER OBJECTIVE

Motivated aspiring Full Stack Web Developer and AI-Driven Software Engineer with practical experience building fluid, user-first web applications using React.js, Next.js, TypeScript, and Tailwind CSS. Eager to leverage modern tech stacks, explore AI-assisted development paradigms, and contribute meaningfully to real-world engineering teams while rapidly expanding full-stack core competencies.

TECHNICAL SKILLS

Frontend:	HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js (App Router), Tailwind CSS, Vite, React Toastify
Backend & DB:	Node.js, Express.js, MongoDB, REST API Integration
Tools & Auth:	Better Auth, Protected Routes, Git, GitHub, Vercel, Netlify, LocalStorage
Other Skills:	AI-Powered Development, UI Component Architecture, Responsive Wireframing

FEATURED PROJECTS

Bazar Dor — Bangla Product Price Tracking Application

Live Demo | GitHub Repo

- Designed a highly responsive dynamic web interface tracking critical market shifting prices of essential daily commodities in Bangladesh.
- Integrated robust third-party REST APIs to map real-time structural data, average spreads, and calculated multi-tier daily price change matrices.
- Implemented multi-channel session handling, secure user authentication states, and strict client-side data guards using Better Auth middleware.

Technologies: *Next.js (App Router), React.js, TypeScript, Tailwind CSS, Better Auth, REST API integration.*

FitLog — Workout Library & Management Application

Live Demo | GitHub Repo

- Created a granular fitness architecture enabling active users to easily query workouts, archive dynamic tasks, and customize multi-week gym routines.
- Engineered client-side filters using LocalStorage to guarantee atomic mutations, persistent routines, and zero data loss on deep browser refreshes.
- Implemented elegant React Toastify feedback pipelines and Lucide interactive icons mapping rich telemetry metrics like duration and calories.

Technologies: *Next.js, React.js, TypeScript, Tailwind CSS, LocalStorage, React Toastify, Lucide Components.*

DevStack — Developer Resource Discovery Platform

Live Demo | GitHub Repo

- Formed a modern discovery site aggregating core tooling architectures for developer stacks, frameworks, and global structural assets.
- Structured modular, lightweight React UI state trees using standard hooks (useState, useEffect) parsing external JSON data maps directly.
- Built cross-device responsive flex systems paired with strict type parameters in TypeScript to optimize compilation speeds.

Technologies: *React.js, TypeScript, Tailwind CSS, Vite, JSON data architectures.*

PROFESSIONAL TRAINING

Full Stack Web Development & AI Engineering

2026 – Present

Programming Hero

- Advancing skills across frontend frameworks (React, Next.js), backend ecosystems (Node.js, Express.js), and relational/non-relational database models.
- Exploring next-generation AI-assisted engineering stacks to maximize feature delivery rates, software quality, and modern deployment loops.

EDUCATION

Bachelor of Social Sciences (BSS) in Political Science — **Graduated: 2022**
Chandina Redwan Ahmed College, National University — GPA: 3.03 / 4.00

Higher Secondary Certificate (HSC) — Science — **Graduated: 2017**
Cumilla Cantonment College — GPA: 3.58 / 5.00

Secondary School Certificate (SSC) — Science — **Graduated: 2015**
Haiderabad Hazi EAB High School — GPA: 5.00 / 5.00