

# Mehedi Hasan Hridoy

## Full Stack Engineer

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### SUMMARY

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Full-Stack Engineer with 18+ months of production-grade experience shipping pixel-perfect, high-performance web applications end-to-end. Mastered React 19 + Next.js 15 (App Router, SSR, API Routes), Tailwind + shadcn/ui, Node.js/Express, MongoDB/MySQL, and modern DevOps (Docker, GitHub Actions, Vercel).

### TECHNICAL SKILLS:

**Full Stack:** React 19, Next.js 15 (App Router, SSR, API Routes), Node.js, Express

**Languages:** JavaScript (ES6+), TypeScript (actively learning & using in projects)

**Frontend:** Tailwind CSS, shadcn/ui, React Query, react-hook-form + Zod

**Backend & DB:** REST APIs, MongoDB, MySQL, JWT Auth, Firebase/Google OAuth

**Authentication:** Firebase Auth, Google OAuth

**DevOps & Deployment:** Git, GitHub, GitHub Actions, CI/CD Pipelines, Docker, Vercel, Linux (Pop!\_OS daily driver)

**CS Fundamentals:** Data Structures & Algorithms (Blind 75 Completed), System Design Basics, Networking (HTTP, TCP/IP)

### PROFESSIONAL EXPERIENCE

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#### Full Stack Developer (Independent Projects)

June 2025 – Present

Dhaka, Bangladesh

#### CreatorPulse — AI Analytics Copilot for Creators

[Live Link](#) | [GitHub Repo](#)

Full-stack SaaS unifying YouTube/Instagram/TikTok/Facebook analytics into actionable AI insights.

- Engineered an analytics engine (Node.js + OpenAI) that cut latency by 80% compared to the initial Python prototype.
- Designed a polished React 19 UI (Vite + Tailwind + Framer Motion) with React Query caching, protected routes, and interactive charts; implemented an in-app AI chat grounded in user data.
- Delivered a secure API (Express + MongoDB) with JWT auth, Google OAuth, environment-aware CORS, and a 6-hour server cache that lowers OpenAI calls while keeping insights fresh.

#### Ethnicart – Multi Vendor E-Commerce Platform(Laravel10,MySQL)

[Live Link](#) | [GitHub Repo](#)

Built a production-ready marketplace connecting local producers with customers.

- Developed a full-stack Laravel system with seller/admin roles, product CRUD, inventory, and order management workflows
- Implemented real-time search with autocomplete, optimized images, caching, and MySQL performance tuning.

#### Personal Portfolio – Next.js 15 Developer Portfolio

[Live Link](#) | [GitHub Repo](#)

Built a high-performance portfolio with Next.js App Router, SSR, API routes, dynamic [slug] pages, and optimized images

- Designed a reusable component system using shadcn/ui, Tailwind tokens, responsive layout grids, and custom dark-mode rules
- Delivered advanced animations: split-text reveals, typewriter effects, scroll interactions, logo loops, magnetic hover, and spotlight cursor.
- Implemented a secure contact form using Resend + Zod validation + rate limiting, ensuring reliable email communication

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### EDUCATION

B.Sc. in Computer Science and Engineering

2022 – 2025 (Expected)

Daffodil International University, Dhaka, Bangladesh