Nasir Mollah

Full-Stack Developer · Next.js, Node.js & TypeScript · AI/ML with PyTorch

Open to remote work and freelance projects

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SUMMARY

Full-stack developer who builds and runs production web platforms for clients in the United States and Switzerland — from database design and APIs to admin dashboards, deployment and technical SEO. I work mainly with Next.js, React, Node.js and TypeScript, and have completed machine-learning and deep-learning training in Python and PyTorch.

TECHNICAL SKILLS

Languages	TypeScript, JavaScript, Python
Frontend	Next.js (App Router), React, Redux, Tailwind CSS, shadcn/ui, MUI, Framer Motion
Backend	Node.js, Express, REST APIs, Prisma, Mongoose, JWT, NextAuth, role-based access control
Data & DevOps	MongoDB, PostgreSQL, MySQL · Git, GitHub, Turborepo monorepos, Linux VPS, PM2
SEO & performance	Technical SEO, structured data (JSON-LD), Search Console, GA4, Core Web Vitals, Lighthouse, ISR
AI & ML	PyTorch (ANNs, CNNs, custom Dataset/DataLoader, GPU training, batch norm), scikit-learn, NumPy, Pandas

EXPERIENCE

Freelance Full-Stack Developer — remote, international clients — 2026 – present · USA · Switzerland

Direct client work from requirements to production deployment (GitHub → Linux VPS, PM2).

Elephant In The Room LLC — trauma therapy practice, Colorado, USA · elephantintheroomllc.com

- Built and maintain the practice's full-stack platform — Next.js, Express, Prisma and MongoDB in a Turborepo monorepo — serving 15+ licensed clinicians, with JWT auth, a role-based admin dashboard and encrypted patient data (HIPAA).
- Developed the therapist directory: interactive map, clinician profiles, specialty and city search pages, free-consultation booking, contact forms and affiliate signup.
- Led a technical SEO recovery using 16 months of Search Console data (3.8M impressions): pruned ~480 thin pages, fixed structured data and rewrote service-page titles.
- Implemented privacy-first GA4 conversion tracking: ad signals disabled, private routes excluded.

Bittengo — vehicle rental marketplace, Ticino, Switzerland (Italian-language) · bittengo.org

- Built marketplace features for rental companies and private owners: Mapbox location search, categories, brands, offers and destination filters.
- Built the online rental-request flow, partner onboarding, Google Reviews integration and FAQ.
- Authored a 57-item technical SEO roadmap: canonical URLs, dynamic sitemap, landing pages, Vehicle/Offer structured data and ISR.

Performance

- Raised a client's Next.js desktop Lighthouse score from 52 to 98 by fixing LCP and cutting page payload.

Full-Stack Developer — SM Technology · 2024 – 2026

Freelance Web Developer · 2020 – 2023

SELECTED PROJECTS

Coastal Motor Group — auto broker platform, California, USA · coastalmotor.group

- Lease-and-buy platform for a licensed auto broker: budget-filtered specials, quote requests, deal review and tracking, online credit application, car valuation, referrals and SEO landing pages by brand and city.

Trobits — crypto "Earn 2 Burn" platform · trobits.com

- Next.js platform funding token burns (SHIB, LUNC, PEPE, FLOKI, BONK) from affiliate and ad revenue, with user auth, points-based rewards and a leaderboard.
- Live crypto news feed from multiple sources, tagged by coin, with per-coin pages and a browser game.

Machine learning & deep learning — course projects in Python and PyTorch

- Built a neural network from scratch in PyTorch with manual forward and backpropagation (no autograd).
- Trained a Fashion-MNIST image classifier with a custom Dataset/DataLoader and GPU training.

EDUCATION, TRAINING & LANGUAGES

Diploma in Computer Science & Technology — Narsingdi Polytechnic Institute (BTEB) — 2020–2025 · CGPA 3.54 / 4.00

AI/ML Bootcamp — Phitron · machine learning and deep learning completed; advanced deep learning in progress

Certificates — Complete React & Next.js (Learn With Sumit) · MERN Stack Web Development (BDcalling Academy)

Languages — Bangla (native) · English (professional working proficiency) · Italian (beginner)