

# Mohneesh Naidu

Full Stack Developer

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## SUMMARY

A full-stack developer with hands-on experience in scalable, AI-powered web applications. Skilled in React, Next.js, Node.js, MongoDB, PostgreSQL, and Docker. Strong focus on UX and performance.

## EDUCATION

**Bachelor of Technology, VJTI Mumbai** (Jan 2022 – May 2026)  
CPI: 7.62 / 10.00

## LEADERSHIP & EXPERIENCE

**Product Development Intern, Aditya Birla Grasim – TRADC**  
(May–Aug 2025)

- Designed and prototyped a sustainable performance garment (SeaCell-based sweatshirt), aligning product intent with market fit and user comfort.
- Managed end-to-end product lifecycle—fiber engineering, knitting, processing, finishing, and garment construction.
- Defined technical specifications (GSM, blends, finishes), monitored quality metrics (IS standards), and iterated using mechanical and tactile test data.
- Collaborated with textile scientists, process engineers, and design teams to optimize performance, aesthetics, and manufacturability.
- Delivered a technical dossier and product narrative, translating R&D insights into consumer-focused applications and sustainable market opportunities.

**Tech Lead, MachaCo.store** (Present)

- Led technology strategy and execution for an emerging e-commerce brand, driving platform scalability and business alignment.
- Architected and deployed a **Next.js**-based platform with integrated analytics to track KPIs and guide data-driven decisions.
- Contributed to product **R&D** and strategic planning, ensuring technical solutions supported growth and market positioning.
- Developed cloud deployment pipelines to ensure secure, reliable, and cost-optimized operations.
- Partnered with cross-functional teams to integrate marketing, logistics, and customer experience features into the roadmap.

## ACHIEVEMENTS

- Talent Pool, Callus Intl. Internship (2024)
- Smart India Hackathon Inter College Finalist (2024)
- District Chess, State Hockey Player

## SKILLS

- React, Next.js, Node.js, Express
- TypeScript, JavaScript, Python, C++
- MongoDB, PostgreSQL
- Docker, Git, Linux, Vercel, AWS
- TensorFlow, PyTorch
- Tailwind, Chakra UI, shadcn/ui
- REST APIs, OAuth2, JWT, CI/CD

## CERTIFICATIONS

- Full Stack Web Development (Angela Yu)

## HOBBIES

Cooking, Travelling, Blogging

## PROJECTS

**Nesternity—A Freelancer OS (Jul '25)**

- Designed and built a full-featured SaaS application for freelancers and small agencies using Next.js, TypeScript, Tailwind CSS, and Prisma.
- Integrated modular Kanban boards, invoicing with downloadable PDFs, client CRM, and activity tracking into one unified system.
- Implemented optimistic UI updates, skeleton loading states, and modular API routes to enhance UX and responsiveness.
- Authenticated users via Supabase Auth with secure PostgreSQL backend, and followed a microservice-ready architecture.
- Links:** GitHub | Live Site

**FarmWise (Jul '24 – Present)**

- Developed a full-stack ML-powered web app for farmers to identify crop diseases via image upload (TensorFlow, React, Node.js).
- Engineered a responsive React frontend with region-specific diagnosis suggestions, reducing guesswork by 40%.
- Built Node.js/Express APIs for image handling and user management; stored data in MongoDB.
- Pivoted to a high intensive research project to innovate and improve the efficiency of the model around 90%
- Links:** GitHub

**Manga-Styled Portfolio Frontend**

- Built a responsive, manga-inspired portfolio UI with Next.js, TypeScript, and Tailwind CSS.
- Enhanced custom components and dynamic routing for blog, projects, and photography.
- Integrated SEO and Open Graph metadata
- Links:** GitHub | Live Portfolio

**E-Commerce Website - MachaCo (Present)**

- Developed a Next.js-based store with Clerk authentication, cart, and checkout workflows.
- Implemented high end Sanity schema CMS for managing the content in real time, for payment gateway used Stripe payments.
- Ensured mobile-first responsiveness; achieved Lighthouse 82+.
- Links:** Live Demo

**A Concept Experience Site - ParathaFul (Jun '25)**

- Built a scroll-driven showcase with Next.js, TypeScript, Tailwind CSS, and GSAP ScrollTrigger.
- Developed responsive sections with modern imagery and a dynamic form interface.
- Optimized performance to achieve a Lighthouse scores, FCP of 0.8 s 94, Speed Index of 2.3 s 49, and Total Blocking Time of 0 ms 100.
- Links:** GitHub | Live Site

**Scheduler Web App (Oct – Nov '24)**

- Designed a drag-and-drop calendar tool in Next.js, TypeScript, Tailwind CSS with PostgreSQL backend.
- Introduced tags and notifications; increased engagement by 25%.
- Deployed on Vercel with GitHub Actions CI/CD.
- Links:** GitHub | Live Site