

Manas Choudhary

Full Stack Engineer • BITS Pilani, Goa Campus • Goa, India

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ABOUT

Full-stack engineer building web products end-to-end: frontend UI, backend infrastructure, and AI pipelines. Focused on fast iteration and clean architecture. Studying **Computer Science + Economics** at BITS Pilani; interested in AI tooling, fintech solutions, and developer experience.

WORK EXPERIENCE

Solo Developer Intern — [Compoundn](#)

Mar 2025 – Aug 2025 | Remote

AI-native investing copilot for hedge funds, PE firms, and family offices.

- Architected **Nex**: an AI financial research agent with a **Python** backend on **AWS EC2 / Docker** and a **Next.js** frontend deployed on Vercel.
- Built a real-time NSE stock-alert system monitoring **500+ stocks** with instant WhatsApp notifications via **Node.js** and **PM2**.
- Implemented a **RAG pipeline** for financial document analysis, scraping filings and earnings transcripts into **PostgreSQL**.

Web Application Developer Intern — [INKHUB Tattoos](#)

Nov 2022 – Mar 2024 | Remote

Tattoo studio brand with a full ecommerce platform.

- Built a full ecommerce **PWA** supporting web and mobile (iOS) via **Ionic / Capacitor**.
- Implemented storefront, product catalogue, cart, checkout, and auth flows.
- Built a reusable component system with **Next.js** App Router, **TypeScript**, and **Tailwind CSS**.

PROJECTS

[Savi AI](#) trysavi.app

2026

AI-powered goal and habit tracking app. Tell your goal and AI breaks it into milestones and daily tasks with weekly AI review and streak tracking. *Next.js · TypeScript · Tailwind CSS*

[Curl Workout](#) curlworkoutapp.com

2025

AI-powered gym workout tracker: type to automatically record exercises, AI routine generation via OpenAI / Gemini, real-time session tracking, 500+ exercises. *Next.js · TypeScript · Firebase · Vercel AI SDK · Framer Motion*

[TwitterBot](#) github.com/Manasbits/TwitterBot

2024

Autonomous tweet agent powered by LLaMA 3 and CrewAI. Identifies trending topics via Google Trends, investigates them, creates tweets, and posts automatically. *Python · LLaMA · CrewAI · Groq · Twitter API*

SKILLS

Languages	: TypeScript, Python, JavaScript, HTML, CSS
Frameworks	: Next.js, React, Ionic, Tailwind CSS, Framer Motion, Streamlit
Backend & DevOps	: Node.js, FastAPI, Flask, Docker, AWS EC2, PM2, Vercel
Databases	: Firebase Firestore, PostgreSQL, Supabase, Convex
AI / ML	: OpenAI API, Google Gemini, Vercel AI SDK, LangChain, CrewAI, LLaMA 3, RAG Pipelines

EDUCATION

Birla Institute of Technology and Science (BITS), Pilani, Goa Campus

2022 – 2027

B.E. Computer Science + M.Sc. Economics — Dual Degree

Chief Coordinator: Silver Screen Film Club, BITS Pilani Goa Campus

Aug 2024 – Jul 2025

Led coordination of events, screenings, and club operations for the campus film club over a full academic year.