

PRATYUSH TIWARI

Lucknow, Uttar Pradesh, India | +91 73074 64595 | pratyushtiwari446@gmail.com
linkedin.com/in/pratyush-tiwari-cr8 | github.com/CR-8

SUMMARY

Full-stack developer with 1+ year of experience building scalable and AI-powered applications. Proficient in MERN stack, Google/OpenAI APIs. Passionate about learning, minimal UI design, and AI-driven functionality.

SKILLS

Frontend: Next.js, HTML5, CSS3, Responsive Design, Vite.js
Backend: Node.js, Express.js, REST APIs
Databases: MongoDB, SQL, Supabase
Styling/UI: Tailwind CSS, MUI, ShadCN UI
Dev Tools: Git, GitHub, VS Code, Postman, Vercel
Cloud Tools: AWS EC2, Route 53, S3 buckets, AWS Amplify

PROJECTS

Manicus – AI-Powered Educational Video Generator

Full-Stack Developer

- Developed an end-to-end educational video generator using AI prompts and vector animations.
- Integrated Google Gemini API with Django backend and rendered scenes with Manim and FFmpeg.
- Built session manager and React frontend for multi-video batch generation and course planning.

AI Financial Dashboard – Real-Time Stock Analysis Platform

Full-Stack Developer

- Built stock dashboard with AI-powered insights using Next.js 14, Supabase, and Gemini API.
- Included company search, Recharts graphs, financial news, and AI recommendations.
- Implemented Supabase auth, dark mode, and watchlist features.

PsychEval – Personality & Career Fit AI Tool

Full-Stack Developer

- Built self-assessment platform with ChatGPT API, generating tests based on various psychological theories.
- Implemented dashboards to track user growth and render visual insights.
- Created secure backend and modular frontend for dynamic quiz rendering.

EXPERIENCE

Matrix Innovations

Software Development Intern

Dec 2024 – Present

Lucknow, India

- Built RESTful APIs and internal tools using Node.js and Express.
- Collaborated in agile teams for tool automation and configuration management.

CSI, SRMCEM

Technical Team Member

Oct 2024 – Present

Lucknow, India

- Developed event platforms and internal club systems.
- Mentored junior developers and led workshops.

Robotics Club, SRMCEM

Assistant Coordinator

Oct 2023 – Present

Lucknow, India

- Managed national robotics event logistics and outreach.
- Led budgeting, technical reviews, and documentation.

EDUCATION

Dr. A.P.J. Abdul Kalam Technical University

B.Tech – Computer Science & Engineering (Data Science)

Expected 2027

Lucknow, India