MADHAV SEMWAL

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PROFESSIONAL SUMMARY

Motivated **Full-Stack Developer** skilled in **React**, **Next.js**, and **Node.js**. Experienced with SQL/NoSQL databases, RESTful APIs, and real-time communication. Passionate about **Generative AI integrations** — prompt engineering, API-based automation, and intelligent UI workflows. Always eager to learn, build, and contribute to open-source projects.

CORE COMPETENCIES

Frontend: React · Next.js · TypeScript · Redux · Responsive UI

Backend: Node.js · Express.js · REST APIs

Database: MongoDB · PostgreSQL

Cloud/Tools: AWS (S3, EC2) · Docker · Git · CI/CD

AI TOOLS & LEARNING

GenAI / APIs: OpenAI & Gemini-style APIs · Prompt Design

Libraries: LangChain (concepts) · API integration testing

Focus: Building GenAI-based web UIs & intelligent assistants

Open Source: Learning backend scaling & TypeScript depth

SELECTED PROJECTS

NexChat — Real-Time Messaging App (React, Node.js, Express, MongoDB, Socket.io)
Built a responsive real-time chat platform supporting user authentication, live messaging, and persistent chat history. Designed intuitive UI and optimized socket connections for smooth, lag-free experience. 🔗
github.com/madhav9757/NexChat

Discussly — Community Forum Platform (React, Node.js, PostgreSQL, AWS)
Developed a scalable discussion platform where users can create posts, comment, and interact across communities. Integrated AWS S3 for image uploads and secure authentication with moderator access. 🔗
github.com/madhav9757/Discussly

My-Movies — Movie Data Aggregator (React, TypeScript, Redux)
Created a feature-rich movie dashboard that fetches and manages API data using Redux Toolkit. Implemented type-safe components, responsive design, and efficient API caching for seamless browsing. 🔗
github.com/madhav9757/My-Movies

Generative-AI — Prompt-Based Experiments (Node.js, GenAI APIs)
Implemented small-scale AI prototypes that process user prompts and generate context-aware results. Experimented with OpenAI and Gemini-style API integrations, prompt chaining, and frontend visualization. 🔗
github.com/madhav9757/Generative-AI

EXPERIENCE

Web Developer (Freelance / Remote) — *2023–Present*

- Designed and launched a responsive e-commerce site for a local client.
- Developed product catalog, contact forms, and media galleries with cross-browser support.

EDUCATION

B.E. in Computer Science (Ongoing) — Savitribai Phule Pune University, Pune
Expected Graduation: 2027