

ABHINAV DWIVEDI

Lucknow, India | learnerabhinavdwivedi@gmail.com | [Portfolio](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Full-stack developer and AI/ML practitioner with hands-on experience building production web platforms (Next.js, React, Node.js) and leading a digital agency from concept through deployment. Active open-source contributor with published research in affective computing and healthcare AI. Skilled in translating product ideas into secure, scalable applications.

SKILLS

Technical Focus: Full-Stack Web Development, Artificial Intelligence (AI), Machine Learning, CI/CD, End-to-End (E2E) Testing

Languages: C, C++, Python, JavaScript, TypeScript

Frontend & UI: HTML5, CSS3, Tailwind CSS, React.js, Next.js

Backend & Frameworks: Node.js, Express.js, Django, FastAPI

Databases & Tools: MongoDB, PostgreSQL, AWS, Git, GitHub

EXPERIENCE

Co-Founder & Lead Developer: SenoStudio & RedWork

2025 – Present

Digital Product Agency

Remote

- **Co-founded and lead** a creative digital agency delivering end-to-end web development, custom UI/UX design, and scalable digital solutions for commercial clients.
- Direct **full-lifecycle software delivery** from conceptualization to deployment, helping clients scale their online presence.

Open-Source Contributor: Social Summer of Code (SSoC '26)

2026

Selected Contributor

Remote

- **Animated XPCounter** (PR #143, Open-Source-Contribution-Atelier): built a smooth, **animated counter component** to gamify user progression, focusing on UI transitions and state management.
- **Learning Timer** (PR #23, AI_ROCKERS): designed and implemented a **productivity-focused timer** to help users manage study sessions within the app.
- **Performance Fixes** (PR #30, AgroDex): resolved open issues and optimized existing code to improve application reliability.

PROJECTS

Prompty | [Website](#) | Next.js, React, NextAuth, Tailwind CSS

- Built a secure, full-stack **AI prompt management platform** enabling users to discover, create, and share optimized prompts.
- Engineered a **custom authentication system** with strict role-based access control to protect platform ownership.

DevTalkx | [Website](#) | React.js, Node.js, Express, WebSockets

- Developed a **real-time community platform** for developers to engage in technical discussions and knowledge sharing.
- Implemented **low-latency backend routing** and live interaction features for seamless user engagement.

PlacementIQ Pro2 | [GitHub](#) | Python, AI/ML, Backend

- Designed an **AI-driven preparation tool** to streamline the job placement experience for students.
- Integrated **machine learning techniques** to deliver targeted preparation materials and personalized insights.

RESEARCH & PUBLICATIONS

Researcher — Affective Computing & Healthcare AI

- Authored and published research on the intersection of **human emotion and technology**.
- **Key papers:** “Affective Computing in Human-Robot Interaction” and “The Role of Artificial Intelligence in Healthcare.”

EDUCATION

FOET-DSMNRU

Expected

Bachelor of Technology - Computer Science & Engineering

Lucknow, India