Yash Gupta

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EDUCATION

Institute of Engineering and Management *2022 - 2026*
B.Tech - Computer Science and Engineering (IoT) **CGPA: 8.61**

SKILLS SUMMARY

Languages: JavaScript, C++, HTML, Python
Frameworks: React, Node.Js,Django, Next.Js, Tailwind CSS, REST API
Tools: Docker, GIT, Postman, PostgreSQL, MySQL, Mongoose, Prisma

Experience

Full Stack Developer Intern | Hyperly.ai *Aug 2024 – Oct 2024*
- **Created** a Fake LinkedIn Post Generator using **Astro** with **React** components, leveraging server-side rendering to build a dynamic, responsive UI for generating LinkedIn-style posts.
- **Developed** a YouTube to LinkedIn Post Generator using **Astro** and **React**, integrating transcript extraction, AI-powered summarization via **OpenAI**, and automated LinkedIn post creation to streamline content workflow.
- **Built** dynamic Home and Analytics pages for a Chrome Extension using **React** and **TypeScript**, implementing responsive design, seamless navigation, and state management to enhance user experience.

Open Source Contributor – OWASP | PRs Merged *Nov 2024 – Jan 2025*
- Contributed to the **OWASP open-source project**, delivering **10+ merged pull requests** with **2000+ lines of code additions** across the front end and backend.
- Implemented E2E functionalities, including **frontend features** using React and TypeScript and **backend enhancements** with Django, including creating reusable components and refining REST APIs.

PROJECTS

CodeBox AI — AI-powered code execution engine & AI technical interviewer | **Live link**
- Built a **custom, secure,** and **fast remote code execution engine**, leveraging a **containerized approach** to execute code in **isolated environments**, reducing execution time to **10 seconds** for 20+ test cases..
- Developed an **AI-based technical interviewer** with real-time **chat** and **streaming using WebSockets**, reducing latency by **30%**
- **Integrated** AI-driven feedback analysis, utilizing LLM-based evaluation to **reduce code review time by 40%** and provide context-aware code suggestions.

WroteUs — Real-time Collaborative Whiteboard | **Live link**
- Orchestrated a **feature-rich** collaborative whiteboard platform with **5+ interactive tools**, enhancing productivity for remote teams.
- Incorporated a **drawing canvas** with a **real-time chat system**, enabling seamless communication during collaboration.
- Optimized **low-latency WebSocket communication** using Socket.IO, boosting collaboration efficiency by **30%**.

DevMatchups — Connect Developers Worldwide | **Live Link**
- Launched an **open-source platform** connecting developers to discover hackathons, collaborate, and form teams. Attracted **100+ users on launch day** via Product Hunt.
- Created **personalized dashboards** for users to manage profiles, explore opportunities, and review applications effectively.
- Utilized **NextAuth** for **secure authentication** through **Google, GitHub, and email verification**, ensuring a seamless login experience.

ACHIEVMENTS

- **Achieved 3 star rating** on **codechef** **with maximum rating** of **1682**
- **Specialist** on **codeforces** **with maximum rating** of **1413**
- **2x Hackathon winner**, competing in **9+ hackathons** in Web3.0 and AI domains.