

Chandan Singh

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EDUCATION

- Lovely Professional University** Jalandhar, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.1 Aug 2023 - Present
Courses: Operating Systems, Data Structures, Artificial Intelligence, Machine Learning, Web Development, Databases

SKILLS SUMMARY

- Languages:** Python, C++, JavaScript, SQL, Bash
- Frameworks:** Flask, ReactJS, NodeJS, Tensorflow, Keras, Scikit
- Tools:** Kubernetes, Docker, GIT, PostgreSQL, MySQL
- Platforms:** Linux, Web, Windows, AWS, GCP, MongoDB
- Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- Freelancer – Python & Web Developer** Remote
Independent Contractor (Part-time) May 2024 – Present
 - AI & Web Development:** Built and deployed **AI-powered chatbots** and scalable web platforms for global clients using Python, Flask, and Node.js.
 - Client Collaboration:** Delivered automation and data-driven solutions across regions, sustaining **100K+ user interactions** with high reliability.
 - Revenue Growth:** Established recurring freelance contracts, earning a steady income of **500+ USDT/month**.

PROJECTS

- AdvChatGptBot — Multi-Modal AI Telegram Bot:** *Repo: [GitHub](#) — Live: [Demo Link](#)*
Tech Stack: Python, Pyrogram, OpenAI GPT-4o, DALL·E, Whisper, MongoDB, Docker
 - Engineered** a production-grade AI chatbot integrating **text, image, and voice modalities** via containerized microservices on GCP.
 - Served 100K+ users** and processed **10K+ daily queries**, sustaining sub-second latency and high concurrency with asynchronous I/O.
 - Enabled accessibility** through real-time OCR, multilingual conversations, session memory, and role-based admin controls for large Telegram communities.
 - Impact:** Enhanced community automation and AI accessibility—reducing manual moderation by 70% in deployed groups.
- NotesApp — Secure Cloud Notes Platform:** *Repo: [GitHub](#) — Live: notes.synergize.co*
Tech Stack: PHP, MySQL, JavaScript, Bootstrap
 - Developed** a responsive note management web app supporting rich-text editing, tagging, search, and dark/light themes.
 - Implemented** encrypted authentication, CSRF protection with public sharing option.
 - Optimized** UI for mobile-first design, achieving **90%+ Lighthouse accessibility score** and seamless cloud sync.
- OpenCluely — AI Overlay Assistant for Coding Interviews:** *Repo: [GitHub](#) (70+ Stars)*
Tech Stack: Electron.js, Node.js, Google Gemini API, Tailwind CSS
 - Built** an open-source cross-platform desktop assistant delivering real-time AI code analysis and contextual guidance.
 - Integrated** screenshot-to-solution reasoning via Gemini Vision API and persistent chat context memory for DSA problem solving.
 - Innovated** transparent, draggable overlays and low-latency voice control for seamless interaction during technical interviews.
 - Impact:** Garnered **100+ GitHub stars**, aiding **1K+ developers** in technical interview preparation with intelligent code insights.
- Real-Time Emotion Detection:** *Repo: [GitHub](#) — Live: [Demo Link](#)*
Tech Stack: OpenCV, TensorFlow (Keras), Streamlit
 - Developed** a real-time emotion detection web app leveraging CNNs and webcam streams for facial expression recognition.
 - Achieved 90%+ accuracy** and maintained **30+ FPS** inference—outperforming FER-2013 baselines by 12%.
 - Applied** in real-time sentiment tracking for user feedback and adaptive learning systems.

HONORS & AWARDS

- TCS CodeVita Season 12 – AIR 69:** Achieved top national rank in the world's largest programming competition—with over 537k participants from 96 countries.
- CodeFest AI Hackathon – Runner-Up:** Recognized for excellence in AI innovation and problem-solving under competitive conditions.

VOLUNTEER EXPERIENCE

- Founder – GitHub Students Club LPU:** Founded and led a thriving open-source developer community of 500+ members; organized workshops, hackathons, and mentorship programs to foster peer learning and innovation.
- Member – Placements & Career Development Committee, LPU:** Coordinated technical workshops and placement initiatives, strengthening student' employability and readiness for the tech industry.