

Manpreet Kaur

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Career Objective

Final-year Computer Science Engineering student with strong problem-solving skills and experience in C++, Python, and SQL. Skilled in developing full-stack web applications and exploring AI/ML through practical projects. Eager to contribute to innovative tech-driven teams while continuously expanding my technical expertise.

Education

Bangalore Institute of Technology Bachelor of Engineering – Information Science and Engineering	2026 Grad CGPA: 8.77 (Till 6th Sem)
Sanatan Dharam Vidya Mandir Senior School Certificate Examination (CBSE)	2022 Percentage: 94%
Sanatan Dharam Vidya Mandir Secondary School Certificate Examination (CBSE)	2020 Percentage: 95.6%

Projects

Personal Finance Tracker / Express.js, MongoDB, Bootstrap, JavaScript, HTML/CSS /

- Built a full-stack web app for recording and categorizing user income/expenses with secure login and personal dashboard.
- Developed pie charts and bar graphs to visualize monthly, weekly, and category-based spending insights.
- Enabled real-time transaction tracking with alerts for budget overshoot using JavaScript logic.

AI Resume Analyzer / Python, Streamlit, spaCy, PyMuPDF, Scikit-learn, matplotlib /

- Developed an NLP-based tool that extracts details from resumes and matches them against job descriptions using keyword scoring.
- Used spaCy to identify relevant skills, experiences, and gaps between resume and job profiles.
- Rendered similarity heatmaps and performance scores using Matplotlib and Streamlit UI components.

Finding Missing Person / Python, face recognition, Flask /

- Created a face recognition pipeline that encodes uploaded images and matches them against a database using cosine similarity.
- Designed a web interface in Flask allowing photo uploads, match score visualization, and result download.
- Enhanced recognition accuracy using contrast boosting and multiple face landmark validation.

Technical Skills and Interests

Languages: C, C++, Python, Java, SQL

Frameworks/Tech: HTML, CSS, JavaScript, ReactJS, Bootstrap, Flask

Databases/Tools: MySQL, Git, GitHub, VS Code, Figma

Other Skills: REST APIs, Resume Parsing (NLP), Face Recognition, UI/UX

Certifications

- Introduction to Gen AI – [Google Cloud](#)
- Applying AI Principles with Google Cloud
- Prompt Design in Vertex AI – [Google Cloud](#)
- Juniper Networks Certified Associate – Cloud ([JNCIA-Cloud](#)), August 20