GAUTAM SHARMA

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EDUCATION

IKGPTU Jalandhar, Punjab   **2022 – 2026**
Bachelor of Technology in Computer Science and Engineering (CGPA: 8.8)

Punjab School Education Board, Punjab   **2021 – 2022**
Senior Secondary Education (92%)

EXPERIENCE

ExaltAI Accelerator Program   **Jul 2025 – Present**
Top Performer (AI & Full-Stack Development)
- Selected as a **Top Performer**, with a recommendation from ExaltAI on LinkedIn.
- Worked on projects in **AI/ML, React, Node.js, and FastAPI**, showcasing adaptability and fast learning.

Vidhun Learnify India   **Jun 2024 – Jul 2024**
Industrial Trainee
- Built data pipelines for **10,000+ records** with 98% accuracy using Python and Pandas.
- Developed **10+ dashboards** with Matplotlib, reducing reporting time by 25%.
- Automated preprocessing tasks, cutting manual time by 30%.

PROJECTS

Manim Studio | *Python, FastAPI, React, Gemini API, SQLAlchemy, Docker* ⬡   **May 2025 – Aug 2025**
- Engineered an AI-driven platform to generate **Manim animations from text**, cutting manual coding by **100%**.
- Built a **Python-based post-processor** achieving a **95% first-pass render rate**.
- Optimized API usage and costs with error handling and containerized deployment.

Musicverse | *React, Three.js, Django, PostgreSQL, Tailwind, Python, Scikit-Learn* ⬡   **Feb 2025 – May 2025**
- Developed a **music streaming + social platform** with ML-based mood recommendations.
- Built immersive **3D UI** with React Three Fiber and secure role-based access.

MediVision AI - Advanced Medical Diagnostics | *Python, XGBoost, OpenCV, Flask, TailwindCSS, AOS Animations* ⬡ **Aug 2025**
- Built an AI-powered diagnostics platform with **92% accuracy** in fracture/TB detection.
- Developed full-stack app with Flask, SQLite, and modern **glassmorphism UI** using TailwindCSS + AOS.
- Implemented secure authentication, role-based access, HTTPS, and audit logging.
- Designed dashboard with confidence metrics, heatmaps, PDF reports, and Chart.js visualizations.

Predictive Maintenance | *Python, Pandas, NumPy, Scikit-Learn* ⬡   **Jun 2024**
- Trained ML models on **NASA engine datasets** to predict failures and prevent downtime.

TECHNICAL SKILLS

Languages: Python, JavaScript, C++, SQL
Frameworks & Tools: React.js, Node.js, Express.js, Django, FastAPI, TailwindCSS, Docker
Data & ML: Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, XGBoost, OpenCV
Databases: PostgreSQL, MongoDB (basic)
Developer Tools: Git/GitHub, VS Code, Jupyter Notebook, Postman
Concepts: Data Structures & Algorithms, OOP, OS, DBMS, Computer Networks

ACHIEVEMENTS

- Received recommendation from ExaltAI team on LinkedIn for outstanding performance.
- Worked efficiently with a team under pressure in a 36-hour hackathon.
- Adaptable fast learner, recognized for quickly mastering new frameworks and techniques.