

Manya

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SKILLS

- **Languages:** C/C++, Python, JavaScript, SQL
- **Frameworks, Tools & Platforms:** TensorFlow, PyTorch, Keras, Scikit-learn, Flask, Frappe, Streamlit, REST APIs, Linux, Git/GitHub, Postman, Figma
- **Certifications:** Machine Learning, Deep Learning, Generative AI, AI Programming with Python, UX Design

EDUCATION

- **Chandigarh College of Engineering and Technology** Sector 26, Chandigarh
Bachelor Of Engineering: (B.E. Computer Science and Engineering); GPA: 8.81 2021 – 2025

EXPERIENCE

- **rtCamp** Remote
Associate Software Engineer Nov 2025 – Present
 - Leading the architectural separation of Marketplace logic from the **Frappe Cloud** monolith; engineered core app Doctypes and a **Vue.js-based (Frappe UI)** frontend to improve system modularity.
 - Worked on ERP integration for a project report generation feature — reports generated by Project Managers on a fortnightly/weekly cadence with custom configurations.
- **KoreCent Solutions** Panchkula, Haryana
Software Developer Intern Jan 2025 – Jul 2025
 - Progressed from 6+ guided projects to independent ownership; deployed features on Frappe Framework (**Python, JavaScript, MariaDB**) and ERPNext; collaborated with clients for requirements, training, and iterative feedback.
 - Engineered 30+ ERP modules including custom naming logic, and automated PO/SO workflows; developed REST APIs for bulk data operations, GS1 barcode generation, and tracking; reducing manual inventory input by 40%.

PROJECTS

- **Contract Lifecycle Management System:** Pioneered a Frappe-based CLM system with role-based access, GenAI summaries, Documenso e-sign, and 10+ stage workflows; implemented versioning, webhook triggers, leveraged Frappe's real-time API (Socket.IO + Redis over TCP/IP) for instant user updates, smart alerts, and notifications. [GitHub]
- **SmartScholar:** Innovated an AI-powered research assistant integrating academic APIs, GenAI-based literature tables, and Indian language translation; used by peers for faster reviews through 15–25s pipeline. [Github]
- **AutoValueAI:** Launched a Flask web app for car price prediction using Gradient Boosting Regression (R^2 Score = **0.95**), with SelectKBest-based feature selection and real-time user input. [Project Link] [Source Code]
- **ShelfDESK – Library Management System:** Conceived and developed a full-stack app (Flask, PostgreSQL, HTML/CSS/JS) with REST APIs; integrated book metadata, e-invoice ARN generation, CRUD, issue/return workflows, and real-time dashboards. [Source Code]

RESEARCH & PUBLICATIONS

- **VGD6-NET Waste Segregation Framework:** Published in *Journal of Material Cycles and Waste Management (IF: 2.7)*. Discovered and validated a 3-tier CNN achieving 98.5% accuracy for 6 waste classes [DOI]
- **Cardiovascular Disease Risk Prediction:** Presented in *ICCCNet – MMU, UK (Springer LNNS)*. Attained a CVD risk prediction accuracy boost from 0.83 to 0.91 through Machine Learning on hybrid datasets [DOI]

POSITIONS OF RESPONSIBILITY

- **Editorial Head, ACM (Jan 2024 – Aug 2024):** Directed content strategy for ACM, leading a 6-member team to publish 5+ timely, high-quality issues of Digital Outlet magazine.
- **Finance Head, Apratim (Aug 2023 – Dec 2023):** Managed budget, sponsorships and coordinated with 7+ teams
- **Content Writer, Roboknox (Feb 2022 – Jul 2023):** Crafted weekly blog - ROBLOG and social media content.
- **Guest Speaker, GMSSS-Manimajra (Nov 2022):** Delivered robotics lecture to 50+ high school students, inspiring STEM interest and receiving an official appreciation letter. [Appreciation Letter]

AWARDS AND ACHIEVEMENTS

- **Selected – Graphics & Vision Summer School, IIT Delhi (2024):** Chosen among top 20 from 500+ applicants; trained in Image Processing, Graphics, and Computer Vision. [Certificate] [Project]
- **Finalist – Future Business Sharks 2.0:** Ranked Top 12 out of 250+ students (from 50,000) after aptitude and GD on “AI: Job Creator or Eliminator.” [Certificate]
- **Achieved AWS AI & ML Scholarship (2024):** Sponsored by AWS to pursue Udacity's AI Programming Nanodegree. [Certificate]