MANISH MANDAL

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Education

Galgotias University   Sep 2022 – June 2026
Bachelor of Technology in Computer Science- 8.9 CGPA   *Uttar Pradesh, India*

Skills

Programming & Development	JavaScript, Python, C++, Node.js
Frontend Development	HTML5, CSS3, React.js, jQuery
Databases	MongoDB, MySQL
Cloud & APIs	REST APIs, Vercel, Render, GitHub Pages
Version Control	Git, GitHub
AI/ML & RAG	AI/ML Basics, Prompt Engineering, OpenAI APIs, LangChain
CS Fundamentals	Data Structures, Algorithms, Operating Systems, DBMS, Computer Networks
Soft Skills	Problem-Solving, Communication, Teamwork, Adaptability, Leadership

Internship

Dynamic Marketing   Feb 2025 – May 2025
Graphic Designer Intern   *Remote*
- Created high-quality visual designs using Adobe Photoshop, Illustrator, and CorelDraw.
- Worked with UI/UX designers to improve user interfaces and user experience.
- Crafted detailed user flows and wireframes for a SaaS platform, resulting in a streamlined user experience and decreased user onboarding time by 20 Percent.

Projects

LLM Flashcard Generator | *Python, Streamlit, OpenAI GPT-3.5*
- Built a web app to generate flashcards (Q&A) from educational PDFs using OpenAI GPT-3.5.
- Implemented PDF parsing with PyMuPDF and prompt engineering for accurate question generation.
- Designed an interactive UI using Streamlit with options to download results in JSON and TXT formats.
- Handled OpenAI API key securely via environment variables; deployed live on Streamlit Cloud.
- **Live:** flashcardgenerator23.streamlit.app   **GitHub:** github.com/maneeish/flashcardgenerator

Stroke Prediction Web App | *React.js, Flask, Python, scikit-learn, Machine Learning*
- Developed a full-stack web application that predicts the likelihood of stroke based on user input using a trained machine learning model.
- Built a responsive frontend in React.js and a RESTful Flask API backend integrated with a scikit-learn model.
- Enabled seamless frontend-backend communication for real-time predictions, improving accessibility of early stroke detection tools.
- Deployed the application locally and designed the backend to be production-ready for cloud platforms like Render or Heroku.
- **GitHub:** Link

Book Listing Application | *HTML, CSS, JavaScript, Tailwind, APIs*
- Developed an application to display a list of books using a public API for book data, featuring view switching (list/grid) and pagination.
- Integrated APIs to fetch book data, including title, author, publisher, and published date.
- Implemented responsive design to adapt to various screen sizes and improve user experience.
- **Live:** Link

Achievements

- Passed Phase 1 of the **Vultr Hackathon 2024**, working on an AI-powered fraud detection system.
- Submitted an idea for the **Build in India Hackathon 2025**, focusing on innovative solutions for the Indian market.
- Submitted an idea for the **Accenture Data Science Hackathon 2025**, applying data science techniques to solve real-world problems.