

RATNANKAR

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SUMMARY

A technically curious individual with a strong analytical mindset and a natural interest in how things work. Brings a scientific approach to problem-solving with some background in finance that adds perspective to decision-making. Always eager to learn, adapt and create systems that make a real difference.

EDUCATION

Vivekananda Institute of Professional Studies – GGSIPU

April 2024 – Present

Master of Computer Applications

Delhi University – DU

April 2021 – March 2024

Bachelor of Commerce

PROJECT

- **Accounting Software**

Developed a Java Swing-based accounting software for sole proprietors with MySQL database integration. Implemented journal entries, ledger management, trial balance, and automated financial statements. Used object-oriented design and JDBC for robust data handling and dynamic UI updates.

- **Flight Ticket Booking System (Web Application)**

Developed a full-stack web-based flight ticket booking application using HTML, CSS, JavaScript, React, Node.js, and MySQL. Implemented user authentication, flight search, ticket booking, and cancellation features. Designed a responsive UI for seamless user experience and created RESTful APIs for efficient communication between frontend and backend. Ensured secure transactions and optimized database performance for faster query execution.

SKILLS

Programming Languages: C, C++, Java, Python

Database Technologies: SQL, MySQL

Core Skills: Data Structures and Algorithms, Object-Oriented Programming (OOP), Problem Solving

Concepts: Operating Systems, DBMS, Computer Networks, Software Engineering Principles

Web Development: HTML, CSS, JavaScript, React, Node.js, Express, REST APIs

AI & Machine Learning: Machine Learning Algorithms, Neural Networks, Natural Language Processing (NLP), Data Preprocessing, Model Training & Evaluation

Soft Skills: Analytical Thinking, Adaptability, Communication, Team Collaboration