Anamika

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About Me

A Computer Science undergraduate with a strong foundation in Data Structures & Algorithms (C++) and full-stack development. I am passionate about designing scalable, maintainable software solutions and building systems that solve real-world problems efficiently. A detail-oriented and goal-driven learner, I strive to continuously upgrade my technical expertise and contribute to impactful, engineering-focused projects.

Education

Institute Courses Year

Guru Nanak Dev University, Amritsar *B.Tech CSE* (CGPA 6.65) 2022-2026

Guru Amar Dass Public School, Jalandhar *12 Standard* (82.4%) 2021-2022

Guru Amar Dass Public School, Jalandhar *10 Standard* (90.6%) 2019-2020

Projects

Bank Management System

- **Technology Used**: Java, JDBC, Swing, NetBeans/IDE, MySQL

Description:

- Developed a desktop-based banking application using Java Swing, JDBC, and MySQL.
- Implemented user authentication, account management, and real-time transaction processing.
- Designed a structured database schema for users, accounts, and transaction logs.
- Applied OOP principles, input validation, and exception handling for reliability and scalability.

Skills

- **Programming Languages:** C++, Java, SQL
- **Web Development:** HTML, CSS, JavaScript, React
- **Tools & Technologies**: Git, API Integration
- **Databases:** MySql, MongoDB
- **Core CS Concepts**: Data Structure and Algorithms, DBMS, OOPs , Computer Networks, Operating System
- **Other Skills:** Problem Solving, Teamwork, Time Management and Employability skills.

Certifications

- Employability skills workshop
- UI/UX design virtual program
- Web Development workshop
- Introduction to AI workshop

Achievements

Football Team Member (Inter-Department Games)

● Represented my department in the Inter-Department Football Match 2024, an experience that strengthened my discipline, sportsmanship, and team coordination.