

Professional Summary

Computer Science Engineering student with strong foundations in software development, data analysis, and cybersecurity. Experienced in building analytical systems, financial models, and scalable solutions through projects and industry simulations. Seeking impactful software engineering or tech-driven finance roles.

Education

Chandigarh University

Bachelor of Engineering in Computer Science

2024 – 2028

Punjab, India

Technical Skills

Languages: C, C++, Python, Java

Core CS: Data Structures, Algorithms, Operating Systems, DBMS, Computer Networks

Data & Finance: Data Analysis, Fraud Detection, Risk Modeling, Probability Analysis

Tools: Git, GitHub, Linux, AWS (Basic), UML, ER Diagrams

Projects

Plagiarism Checker / Radar System

- Designed document similarity detection using structured text-matching algorithms.
- Enhanced plagiarism detection accuracy through optimized logical workflows.

Personal Finance Tracker

- Built an income and expense tracking system with category-based insights.
- Implemented financial visualizations to support informed spending decisions.

Credit Card Fraud Detection System

- Developed a fraud detection model emphasizing reduced false positives.
- Improved prediction performance through feature selection and evaluation.

Virtual Experience

Tata Consultancy Services

Cybersecurity Virtual Experience

- Applied Identity and Access Management concepts and cybersecurity best practices.

Walmart Global Tech

Advanced Software Engineering Simulation

- Implemented a custom heap data structure in Java and designed UML & ER models.

Amazon Web Services

Solutions Architecture Simulation

- Designed scalable cloud architecture using Elastic Beanstalk.

JP Morgan Chase & Co.

Quantitative Analysis Simulation

- Analyzed loan datasets to estimate probability of default using analytical models.

Soft Skills

Problem Solving | Analytical Thinking | Team Collaboration | Clear Communication