

Jayant Kumar

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PROFILE

B.Sc. (Honours) Computer Science student with hands-on experience in C++, software engineering documentation, data structures and algorithms, and software testing. Interested in AI data annotation, code evaluation, and AI model training work, with a strong focus on problem-solving and attention to detail.

EDUCATION

B.Sc. (Honours) Computer Science

2024 – Present

College of Vocational Studies, University of Delhi

Semester V | NEP UGCF 2022

Class XII – CBSE

2024 | 61%

Deepalaya School, New Delhi

Class X – CBSE

2022 | 70%

Deepalaya School, New Delhi

TECHNICAL SKILLS

- Programming: C++, Python
- Software Engineering: Waterfall Model, SRS (IEEE 830), DFD, Use Case & Sequence Diagrams
- Core Concepts: Data Structures, Algorithms, Basis Path Testing, Function Point Estimation
- Tools & Development: GCC Compiler, File I/O (flat-file storage), Git (basic)
- Areas of Interest: Artificial Intelligence, Machine Learning, Data Science

PROJECT

Voter Registration & Management System (VRMS)

2026

Academic Project | C++ | Solo

- Designed and developed a 543-line C++ console application for voter registration and management
- Implemented 6 modules with 21 functional requirements following the IEEE 830 SRS standard
- Created Waterfall Model documentation including DFD (Levels 0–2), Use Case Diagrams, and Gantt Chart
- Performed Basis Path Testing on registerVoter() – Cyclomatic Complexity $V(G)=6$; 6 independent paths and 18 test cases passed
- Used pipe-delimited flat-file storage (voters.txt) for data persistence without a database

RELEVANT COURSEWORK

- Data Structures & Algorithms | Software Engineering | Object Oriented Programming (C++)
- Computer Networks | Operating Systems | Database Management Systems

LANGUAGES

- Hindi – Native
- English – Professional Working Proficiency