

Tushar Kumar

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Education

Bachelor of Technology (B.Tech) in Computer Science

2022 – Present

Graphic Era Hill University, Dehradun

Current GPA: 7.89 / 10.0

XII (CBSE): 82%

2021

X (CBSE): 86%

2019

St. Mary's School, Kashipur

Technical Skills

- **Programming Languages:** C++, C, PHP, Python, Java, JavaScript
- **Web Technologies:** React, Node.js, HTML5, CSS3, REST APIs
- **Databases:** MySQL, MongoDB
- **Developer Tools & Concepts:** Git, GitHub, VS Code, DSA, OOP, IAM

Internships

Salesforce Developer – AgentBlazer Champion Program

May 2025 – Jul 2025

Completed 8-week internship covering Salesforce fundamentals, Apex, LWC, org setup, security and automation. Certificate ID: VIP-SDWAC-202S-468S.

- Implemented Apex triggers and flows to automate routine org operations.
- Worked on Salesforce security models including profiles, permission sets, and role hierarchy.

Software Engineering Intern – Utkarsh Classes & Edutech Pvt. Ltd.

Jul 2025 – Aug 2025

Built a Python (PyQt + SQLite) based Absenteeism Control Framework with automated reports, alerts, and insights.

- Optimized SQLite queries and indexing strategies to reduce processing time by 40
- Enhanced UI/UX in PyQt for faster navigation and improved clarity.

Projects

Virtual Exam Environment (Kiosk Mode)

GitHub

C++, System Programming

- Engineered a secure exam system locking down system resources similar to TCS iON.
- Added real-time activity logging and integrity checks.
- Implemented system-wide interception to block key combos.

Fake News Detection (Machine Learning)

GitHub

Python, scikit-learn, NLP

- Built ML models using TF-IDF and Logistic Regression/Naive Bayes.
- Improved accuracy with stratified splits and tuning.
- Implemented preprocessing: noise reduction, stemming, stop-word removal.

Bright Brain (AI Tutor Chatbot)

GitHub

PHP, JavaScript, ChatGPT API

- Developed AI tutor chatbot reducing response time by 30
- Designed modular API wrappers.
- Added knowledge-base mode with structured explanations.

Music-Zone (Music Streaming Website)

GitHub

PHP, JioSaavn API, JS

- Built full-stack music website with dynamic search and autoplay.
- Added caching, fallback handlers, and improved UI.

Achievements & Certifications

- **2nd Runner-Up, HACK-O-HOLIC '24:** Top-3 among 50+ teams; won 7,000.
- Cyber Security Certification
- Android Mobile App Development Certification
- Salesforce AgentBlazer Champion Certification (2025)
- Utkarsh Internship Completion Certificate (2025)