

Tushar Kumar

Dehradun, Uttarakhand | 8273891616 | tksainii@gmail.com | github.com/Tushar-SWE

Education

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| Bachelor of Technology (B.Tech) in Computer Science <i>Graphic Era Hill University, Dehradun</i> Current GPA: 7.89 / 10.0 | 2022 – Present |
| XII (CBSE): 82% | 2021 |
| X (CBSE): 86% <i>St. Mary's School, Kashipur</i> | 2019 |

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

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| Salesforce Developer – AgentBlazer Champion Program Completed 8-week internship covering Salesforce fundamentals, Apex, LWC, org setup, security and automation. Certificate ID: VIP-SDWAC-202S-468S. | May 2025 – Jul 2025 |
| <ul style="list-style-type: none">• 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. Built a Python (PyQt + SQLite) based Absenteeism Control Framework with automated reports, alerts, and insights. | Jul 2025 – Aug 2025 |
| <ul style="list-style-type: none">• Optimized SQLite queries and indexing strategies to reduce processing time by 40• Enhanced UI/UX in PyQt for faster navigation and improved clarity. | |

Projects

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| Virtual Exam Environment (Kiosk Mode) <i>C++, System Programming</i> | GitHub |
| <ul style="list-style-type: none">• 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) <i>Python, scikit-learn, NLP</i> | GitHub |
| <ul style="list-style-type: none">• 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) <i>PHP, JavaScript, ChatGPT API</i> | GitHub |
| <ul style="list-style-type: none">• 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) <i>PHP, JioSaavn API, JS</i> | GitHub |
| <ul style="list-style-type: none">• 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)