

**Salil Tiwari**

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#### ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
Sept, 2022 - 2026	B.TECH in Computer Science	Graphic Era Hill University Dehradun	8.01
2022	C.B.S.E	Shiksha Bharati sr. sec. school	89.20 %
2020	C.B.S.E	Shiksha Bharati sr. sec. school	88.20 %

#### PROJECTS

- **Voice-Controlled Automation and Screenshot System** (Apr, 2025 – May, 2025)
  - Developed a voice-activated automation system using Python, SpeechRecognition, PyAutoGUI, OCR (pytesseract), and Threading.
  - Enabled control of system tasks, applications, browser actions, and media playback using speech commands.
- **E-Commerce Website (For Browsing Toys)** (Jan, 2025 – Mar, 2025)
  - Designed and developed an interactive frontend web application using React.js.
  - Showcased Marvel toys with attractive UI layouts, dynamic pricing displays, and smooth navigation for an engaging browsing experience.
- **Credit Card Fraud Detection System** (Sep, 2024 – Dec, 2024)
  - Developed and fine-tuned ML models using Logistic Regression, Decision Tree, and Random Forest Classifier.
  - Achieved 87% accuracy in detecting fraudulent transactions.
  - Applied under-sampling and ensemble techniques to handle class imbalance.
  - Minimized false positives by 16% through feature engineering and hyperparameter tuning.
  - Improved model efficiency by 23% and accuracy by 6%.
- **Heart Disease Prediction** (Nov, 2023 – Jan, 2024)
  - Built a Logistic Regression model to predict heart disease with 91% accuracy.
  - Implemented HIPAA-compliant data encryption protocols, reducing data breach incidents by 40%.
  - Enhanced healthcare outcomes by 26% through accurate disease prediction.
  - Improved patient well-being with secure and reliable predictions.

#### TECHNICAL SKILLS

- **Languages:** C++, C, Python, HTML, MYSQL, Javascript
- **Tools and Frameworks:** Bootstrap, VS Code, CSS
- **Operating System:** Windows, Linux

#### ACHIEVEMENTS

- **Academics** - Solved 200+ Data Structures and Algorithms problems on LeetCode, CodeChef, and Geeks-forGeeks.
- **Extracurricular** - Played Badminton at the District Level.

- **Mind Games** - Won the Rubik's Cube competition in the first semester of college.
- **Simulations** - Completed job simulations: *Solutions Architecture (Amazon, Forage)*, *Software Engineering (Goldman Sachs, Forage)*.
- **AWS Certified Cloud Practitioner** - Earned AWS Cloud Practitioner badge (Mar, 2025).
- **Salesforce Developer Internship** - Completed 8-week virtual internship (May–July 2025) gaining hands-on experience in Apex, Lightning Web Components, and Process Automation.

#### CERTIFICATIONS

- **Google Cloud Computing Foundation** : NPTEL certificate on cloud computing concepts and management.
- **AWS Cloud Practitioner Essentials** : A certification by AWS covering cloud concepts and implementations.
- **Deloitte Cyber Job Simulation** : Learned cybersecurity aspects and handling external threats.
- **Basics of Spanish Language and Culture** : NPTEL course on Spanish basics and cultural aspects.
- **Business Communication** : NPTEL certification on effective communication and collaboration.