

## Himanshu Saini

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### ACADEMIC DETAILS

Year	Degree/Exam	Institute	GPA/Marks(%)
2021 - Present	B.TECH in Computer Science	Graphic Era Hill University Dehradun	7.9/10
2020	12th C.B.S.E	Nav Jeevan Mission School	81.6 %
2018	10th C.B.S.E	Nav Jeevan Mission School	88.00 %

### PROJECTS

- **Airbnb Clone :** (July,2024 - August, 2024) : Developed an Airbnb clone using EJS for dynamic content and JavaScript for frontend interactions, with Node.js powering a RESTful API. Utilized MongoDB for efficient data storage and management of listings, and user accounts. Deployed the application on Render.com for reliable hosting and scalability.
- **Image Classification** (April,2024 - June, 2024) : Developed a GUI-based application using TensorFlow and a Convolutional Neural Network (CNN) for image classification, achieving an accuracy of 83%. The application features an intuitive interface, making advanced deep learning accessible and user-friendly.
- **Customer Churn Analysis** (Oct, 2023 - Dec, 2023) : Developed an interactive Streamlit app to predict customer churn using a TensorFlow model with 85% accuracy. The tool provides real-time insights, helping businesses proactively retain customers.
- **ATM Interface** (April, 2023 - June, 2023) : Developed a GUI-based ATM application using Java Swing and AWT to handle balance inquiry, deposit, and withdrawal operations. Integrated JButton, JTextField, and ActionListener for user interaction and seamless event handling. Utilized object-oriented programming principles to create a modular and efficient design.
- **Smart Employee Manager** (Jan, 2023 - March, 2023) : Developed an Employee Management System using Java Swing for a user-friendly interface and MySQL for data storage. Implemented efficient CRUD operations for managing employee records, including adding, updating, and deleting details. Ensured reliable database connectivity for seamless data handling and enhanced user experience.

### TECHNICAL SKILLS

- **Languages:** Java , JavaScript, Python, C,C++,HTML,CSS.
- **Tools and Frameworks** Node.js React, Express.
- **Machine Learning Tools** TensorFlow, Pandas ,NumPy, Matplotlib

### COURSE CERTIFICATIONS

- **Introduction to Machine Learning:** Completed a comprehensive Machine Learning course on Internshala, covering basics to advanced techniques, including algorithms, data preprocessing, and model evaluation. Developed practical projects to apply theoretical knowledge to real-world scenarios.
- **Deep Learning A-Z 2024: Neural Networks, AI ChatGPT Prize:** Completed a comprehensive Deep Learning course on Udemy, covering fundamental concepts to advanced techniques, including neural networks, convolutional networks, and model optimization. Gained practical experience through hands-on projects, applying theoretical knowledge to real-world applications.