

# ROHIT SINGH

Haldwani, Uttarakhand

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## Education

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### Vellore Institute of Technology

*Master of Computer Applications*

**Aug. 2023 – Aug. 2025**

*Vellore, Tamil Nadu*

### Delhi University

*Bachelor of Science in Computer Science • Grade-8.59*

**May 2020 – June 2023**

*Delhi*

### St. Lawrence School

*Intermediate, PCM • Percentage-95*

**Apr. 2019 – Apr. 2020**

*Haldwani, Uttarakhand*

## Relevant Coursework

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- Data Structures
- Database Management
- Full Stack Development
- Android Development
- Cloud Computing
- Machine Learning
- Software Engineering

## Projects

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### Campus Placement Prediction | *Python, Data Mining, Machine Learning*

- The aim of this system is to predict the likelihood of a student securing a campus placement based on various features. This study explores several machine learning algorithms, including Logistic Regression, Decision Tree, and kNN, with the goal of providing economical and accurate results for campus placement prediction.
- The system adopts a Supervised Machine Learning approach by utilizing labeled data to train the classification algorithm.
- [GitHub Repo](#)

### Hackathon - Super Market Management | *Java, Eclipse, JavaFX, JDBC*

- Designed a sample supermarket management system using Java to simulate the common functions of managing a supermarket store.
- Used SceneBuilder(JavaFX) to create a GUI that supports actions such as Admin Login, Employee Login, Billing, Admin Dashboard, etc.
- Implemented JDBC to authenticate the admin and employee.
- [GitHub Repo](#)

### Research on Plant Disease Prediction | *Literature Survey, Deep Learning - CNN*

- Through this research, our goal is to tackle the challenges faced by farmers. To overcome this, we employed the VGG-19 deep learning framework to develop a model capable of detecting plant diseases at a very early stage.
- Our intention is to incorporate this algorithm into a mobile application designed for farmers, enabling them to identify and diagnose plant diseases easily, which is future scope.
- [GitHub Repo](#)

## Technical Skills

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**Languages:** Python, Java, C,C++, HTML/CSS

**Database:** SQLPLUS, MySQL, NoSQL Databases(Intro)

**Developer Tools:** VS Code, Eclipse, GitHub, Wordpress, MySQL Workbench, Oracle

**Technical Proficiency:** Machine Learning, Deep Learning(Basic)

## Courses and Certifications

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- Fundamentals of Deep Learning – Nvidia
- Machine Learning with Python – IBM
- SQL(Basic and Intermediate) – HackerRank
- Value added course on Cisco Packet Tracer – VIT