

# Vidul Garg

An ambitious and dedicated software engineer, with a strong desire to contribute to an organization. Eager to apply my hands-on software development and data-driven experience to solve real-world challenges.

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## Education

### Vellore Institute of Technology, Chennai

B Tech (Computer Science in AI and Robotics)

2021 – present

CGPA 9.04

### St. Annes's Convent School, Chandigarh

High School

96.8%

### Govt. Model Senior Secondary School

MHC Manimajra, CHD

Senior Secondary

96.8%

## Experience + Trainings

- **Data Science Intern** **Oct–Nov 2023**  
Code Clause  
Actively contributed to a wide range of data-driven projects, enhancing my skills in data science and machine learning.
- **Data Science Intern** **Sept–Oct 2023**  
Oasis Infobyte  
Completed several data science tasks as an intern at Oasis Infobyte, showcasing analytical proficiency.
- **ML Trainee** **Aug–Nov 2023**  
SmartInternz Externship Program  
Completed a comprehensive externship program focused on Machine Learning and Deep Learning, gaining hands-on experience and skills in these domains.

## Skills

- Multitasking
- Self Motivation
- Active Listener
- Team Player
- Time Management

## College Leadership and Activities

- **Management** : Led the Dance Club VIT'C as the Events Management Head and managed a variety of events on campus.
- **Design** : Worked as a leader in strengthening FITNESS CLUB VIT'C as a VIDEO EDITING HEAD.

## Extra Curricular

- **Dance/Modelling**:  
Ambitious dancer with 12+ years of experience. Certified at a number of dance competitions at a younger age.  
Selected as a lead model for a prestigious fashion show held at symbiosis institute, Pune, Maharashtra in 2013.
- **Football**:  
Played football at inter school level competitions

## Technical Skills

- **Programming Languages**  
C, C++, Python, Java, SQL, HTML, CSS, R
- **Data Structures and Algorithms (DSA)**
- **Data Science**  
Python, Machine Learning, NLP, Deep learning, Supervised and Unsupervised algorithms, Data Visualization, Data Cleaning, Feature Engineering, ANN, CNN, etc.
- **Python Packages and Frameworks**  
NumPy and Pandas, Scikit-Learn, Spacy, Matplotlib, Seaborn

## Projects

- **Movie Recommender System**  
Developed an end-to-end content-based movie recommendation model. Leveraged various ML techniques to analyze user preferences and movie features and deployed the system using Streamlit on Render.
- **Power BI Dashboard**  
Developed Dashboards for live COVID-19 statistics and market sales analysis, highlighting expertise in data visualization and analytics.
- **Campus Placement Data Analysis**  
Executed a comprehensive analysis of campus placement data as part of the IBM Hack Challenge in 2023. Utilized ML techniques to derive insights from the data and deployed using Flask.
- **Object Detecting Robot**  
Built a hardware setup for an object-detecting robot with L293D motor driver, IR sensor, and automatic hand sanitizer.

## Certifications

- Completed training in Python, C, CPP, and Advance CPP at Spoken Tutorial Project, Indian Institute of Technology (IIT), Bombay.
- IBM-certified in 'Getting Started with Enterprise Data Science,' emphasizing strong data analysis capabilities.
- Microsoft Azure (AZ-104) Certified, demonstrating proficiency in cloud computing and resource management

## Areas of Interest

- Data Science
- Machine Learning
- Software Engineer
- Other Interests: Event management, Dancing, Listening

## Languages

- English
- Hindi