

# RAGHAV GARG

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## Summary

Ambitious and focused candidate with expertise in Data Structures and Algorithms (DSA) and AI-driven solutions. Skilled in designing and implementing software applications using Python, C/C++, React.js, and MongoDB, with a strong focus on machine learning and AI technologies. Known for solving complex problems, optimizing systems, and delivering high-quality results in dynamic environments. Passionate about combining software development and AI to create innovative solutions for real-world challenges.

## Education

**Bachelor's in Technology – Computer Science Engineering**  
(CGPA: 8.8)

May 2026

School of Computer Science Engineering, Bennett University

**St. Lawrence International School**, near Mussimbal, Haryana  
Class XII (CBSE)

May 2022

## Experience

**UKB Electronics Pvt. Ltd, Machine Learning Intern**

May 2024 – July 2024

- **Developed** a machine learning model to analyze sensor data, increasing accuracy by 15% and optimizing performance.
- **Implemented** an automated defect detection system, reducing manual inspection time by 20%.
- **Researched** algorithms to enhance predictive maintenance, cutting operational downtime by 10%.

**Metabees.in, SDE Intern**

January 2023 – June 2023

- **Developed** a SaaS platform for **Naptaverse**, integrating 3D visuals using **Three.js** and improving user engagement by 25%.
- **Collaborated** with cross-functional teams to **design** and **optimize** front-end components using **HTML**, **CSS**, and **JavaScript**.
- **Implemented** backend services and APIs for dynamic data handling, reducing page load times by 15%.

## Projects

**WebWave - Platform for Buying & Selling Domains, Websites, and Logos [Node.js, React.js, MongoDB, Express.js]**

- Developed a marketplace for trading domains, websites, and logos with secure payment integration.
- Deployed on AWS for scalability and implemented real-time notifications.

**Credit Card Fraud Detection System [Python, TensorFlow, Scikit-learn, Flask]**

- Designed an AI fraud detection system with 96% accuracy using Random Forest and XGBoost.
- Built a Flask web app for real-time fraud predictions.

**Music Genre Classification [Python, Keras, Librosa, CNN]**

- Built a CNN model with 85% accuracy to classify music genres using audio features.
- Integrated the model into a Flask app for real-time genre predictions.

## Certifications

- **Machine Learning A-Z** (Udemy)
- **Tata Group - Data Visualisation: Empowering Business with Effective Insights Job Simulation** (Forage)
- **Algorithmic Toolbox University of California, San Diego - Rady School of Management** (Coursera)

## Key

**Languages:** C++ | Python | SQL | HTML/CSS | Javascript

**Frameworks:** Tensorflow | Scikit-learn | Flask | MERN Stack

**Technical Skills:** Data Structures and Algorithms | Cloud (AWS, IBM Cloud) | Machine Learning | Deep Learning

**Other Skills:** Teamwork | Content Writing | Problem Solving | Public Speaking | Mentorship | Leadership | Adaptability

## Positions of Responsibility

**Joint Secretary, Spark E-Cell (Entrepreneurship Cell of Bennett University):**

- Organized workshops to promote entrepreneurship among students.
- Collaborated with team members to strategize and implement initiatives fostering startup culture.

**Placement Committee Lead (PlaCom - Bennett University):**

- Coordinated placement activities to enhance student-recruiter connections.
- Developed strategies to enhance student readiness for interviews and placements.

**Volunteered at the Startup MahaKumbh Event**

## Extra- Curricular Activities

- Participated in multiple **hackathons**, including Smart India Hackathon, to develop innovative solutions.
- **Organized** various events at Bennett University, including **Bennovate**, the largest e-summit of the university.

## Hobbies

Photography, Volunteering, Exercise, Mentoring