Sudeepti Gupta

C++ Developer | Data Structures & Algorithms | AI & ML | Web Developer

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SUMMARY

Innovative and detail-oriented Computer Science student specializing in AI, ML and Web Development. With a stellar 9.59 CGPA and recognition as a two-time Dean's Awardee, I excel in C++, Python, and Machine Learning, and possess a strong command over Data Structures and Algorithms. Passionate about building intelligent, user-centric solutions by harnessing AI and modern development frameworks to solve real-world challenges at scale.

EDUCATION

Bachelor of Technology in Computer Science (Specialization in AI)   **2023 - 2027**

Bennett University, The Times of India Group

Key Courses:
- Programming & Algorithms: OOP in Java, Data Structures & Algorithms in C++, Design & Analysis of Algorithms
- Core CS Concepts: Operating Systems, Computer Networks, Information Management Systems
- Artificial Intelligence & Machine Learning: Machine Learning, Artificial Intelligence
- Software Engineering: API Integration, Software Development, Algorithm Optimization

CGPA: **9.59**

PROJECTS

Handwritten Text Detection and Recognition
- Built an AI-powered system to detect and recognize handwritten text from images.
- Optimized preprocessing techniques to enhance text clarity and recognition accuracy.

BiteWise – AI-Powered Food Recognition & Nutrition Analysis
- Developed an AI-driven system for automated food recognition and nutritional analysis.
- Implemented machine learning models for food identification and portion estimation

SKILLS

Programming & Development:
- C, C++ (Expert) | Java (Intermediate) | Python (Intermediate)
- Data Structures & Algorithms | Object-Oriented Programming (OOP)
- Algorithm Optimization | Competitive Coding

Machine Learning & AI: Supervised & Unsupervised Learning|Deep Learning (CNNs, RNNs)|NLP |TensorFlow

Web Development: HTML, CSS, JS (ES6+) | React | Tailwind | TypeScript | Responsive Design | DOM | Redux| Formik | REST APIs

Data Science & Analytics: Data Preprocessing | Feature Engineering | Data Visualization (Matplotlib, Seaborn)

Software & Tools: Git, GitHub | API Integration | VS Code | Postman

Other Skills: Problem-Solving | Logical Reasoning | Research & Content Creation | SEO Basics | Strong Communication Skills

CERTIFICATIONS

- Object-Oriented Data Structures in C++ – University of Illinois Urbana-Champaign
- Data Structures – University of California, San Diego - Rady School of Management
- Career Essentials in Generative AI – Microsoft & LinkedIn
- Machine Learning: Classification – University of Washington
- Database Management Essentials – University of Colorado
- Foundations of Digital Marketing and E-commerce – Google
- IMUN Internship Certificate – International MUN
- Technology Consulting Virtual Internship – Deloitte Australia

ACHIEVEMENTS

- Received the **Dean's Award** twice for outstanding academic performance.
- Successfully completed an internship as a Campus Ambassador at International MUN (IMUN).
- Achieved CGPA of **9.0 (first year)** and **9.59 (second year**) in B.Tech Computer Science (AI) at Bennett University.