

Aditi Bansal

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EDUCATION

UPES Dehradun, India

Bachelor of Technology in Computer Science
(Cloud Computing & Virtualization Technology)

Aug 2022 – May 2026
CGPA: 8.00/10.0

SKILLS

Programming: Proficient in C, C++, Python, and Java.
Web Development: Skilled in HTML, CSS, JavaScript, and Node.js.
Databases: Experienced with MySQL and MongoDB.
Cloud Computing: Hands-on with AWS (S3, EC2, RDS) and deployment strategies..
Interpersonal: Excel in strategic decision-making, and cross-functional team mentorship.

INTERNSHIP

Social Intern – Narayan Seva Sansthan, Udaipur

June 2023 – Aug 2023

- Spearheaded and optimized a series of interactive digital literacy workshops, attracting an audience exceeding 300 attendees; enhanced participant engagement through tailored content addressing specific local needs.
- Enhanced outreach program efficiency by 25% through optimized workflows and scheduling.

PROJECTS

ExpenseBuddy | Java, MongoDB

- Designed a debt-settlement algorithm using heaps and a greedy approach, reducing transactions by 35%.
- Built a full-stack solution with a user-friendly interface, tested with over 200 expense scenarios.

Student Expression Analysis System | Python

- Trained a machine learning model analyzing student engagement with 85% accuracy.
- Provided emotion insights and engagement reports, improving teaching strategies for 10+ faculty members.

Event Planning SaaS Website | HTML, CSS, Node.js, MySQL, AWS (S3, RDS, EC2)

- Created a cloud-based event management system used to organize over 15 events.
- Integrated payment processing and attendee tracking, reducing manual effort by 40%.

Travel Planning Website | HTML, CSS, MongoDB, Google Maps API

- Developed a travel planner handling 5,000+ itineraries with MongoDB for data management.
- Enabled features like budget tracking and accommodation booking, improving user satisfaction

POSITIONS OF RESPONSIBILITY

Class Representative – B.Tech CCVT

Aug 2022 – May 2024

- Advocated for 40+ students in academic meetings, driving a 95% resolution success rate.

Lead Changemaker-Srijan Social Internship

Aug 2022-May 2023

- Coordinated internships for 70 students across 12 organizations in both online and offline modes, ensuring seamless operations.
- Acted as the primary liaison between students and organizations, resolving queries and maintaining effective communication.
- Facilitated smooth onboarding and completion processes, contributing to a 100% internship success rate.

Senior Mentor – Srijan Social Internship

Aug 2023 – 2024

- Mentored 50+ first-year students in social projects, achieving a 90% completion rate.
- Orchestrated community initiatives impacting 200+ members by driving collaboration, streamlining resources, and achieving measurable outcomes in engagement and growth.

Events Head – Cloud Security Alliance Student Chapter, UPES

Aug 2024 – Current

- Directed 20+ events with 1,000+ attendees, improving participation rates by 30%.
- Managed a team of 10 coordinators, ensuring seamless execution and feedback collection.

CERTIFICATIONS

AWS Certified Solutions Architect – Demonstrated expertise in scalable, cost-efficient, secure AWS-based solutions.
AWS Learner Lab: Completed practical cloud services and resource management exercises.
AWS Cloud Semester 1: Built foundational knowledge of cloud operations and infrastructure.
AWS Academy Introduction to Cloud Semester 2: Learned effective cloud optimization strategies.
AWS Academy Cloud Architecting: Gained expertise in designing scalable and secure architectures.

ACHIEVEMENTS

- Spearheaded impactful projects benefiting 500+ individuals, earning recognition as the **Best Lead Changemaker** (2023).
- Awarded **Best Debutant**, Hackathon by the **Computer Society of India** for developing an innovative solution having an accuracy of 85% (2023).