

# Unnati Agarwal

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## CAREER OBJECTIVE

To be a part of the learning organization, where I can utilize my potential and technical prowess to contribute meaningfully to the growth of the organization.

## EDUCATION

### Bachelor of Technology

Minor in Computer Science with Specialization in Cloud Computing and Virtualization Technology • UPES • Dehradun, India • 2025 • 8.00

## SKILLS

Front End: HTML, CSS, JavaScript

Database: MySQL, MongoDB

Programming Language: C, Python, Java

Cloud Platforms: Amazon Web Services, Google Cloud Platform, Microsoft Azure

Editing Platforms: Adobe Illustrator, Adobe Photoshop, Canva, Figma

## INTERNSHIP

### HR Intern

Antarang Foundation

June 2022 – July 2022, Remote

- Facilitating job postings, schedule interviews, communicate with applicants, and maintain applicant tracking systems.
- Assisting with the onboarding process for new employees.
- Maintaining records and databases with a focus on accuracy and confidentiality.
- Providing general administrative support to the HR team, such as answering phone calls, scheduling meetings and drafting correspondence.

## PROJECTS

### Calculator

Personal Growth • <https://github.com/unnati14ag/Calculator> • January 2024 – January 2024

- Developed a responsive web-based calculator with essential arithmetic operations using HTML, CSS, and JavaScript.
- Enhanced user experience by implementing advanced features such as a calculation history log and error handling.
- Optimized codebase for maintainability, employed modular design, and ensured a visually appealing interface across devices.

### TikEasy – Movie Ticket Booking App

UPES, Dehradun • <https://github.com/unnati14ag/TikEasy--Movie-Ticket-Booking-App> • September 2023 – November 2023

- Developed a user-friendly movie ticket booking application with Python, Flask, and MongoDB, showcasing full-stack development skills.
- Successfully deployed the application on the Azure cloud platform and optimized performance for optimal responsiveness and scalability.

### MediConnect: An optimal solution based on algorithms

UPES, Dehradun • <https://github.com/unnati14ag/Minor-Project> • August 2023 – November 2023

- Optimize ambulance routes using Dijkstra Algorithm for rapid emergency response.
- Ensure secure patient transit by equipping ambulances and facilitating real-time communication.

### NetPay

UPES, Dehradun • September 2023 – Present

- Microservice-Based Internet Banking
- Kubernetes-Powered Microservice Orchestration
- Cloud Integration with Azure and DockerHub

## CERTIFICATIONS

### AWS Academy Graduate – AWS Academy Cloud Architecting

Amazon Web Services (AWS) • 2023

### AWS Academy Graduate – AWS Academy Cloud Developing

Amazon Web Services (AWS) • 2023

## **Azure AI Fundamentals**

Microsoft • 2023

## **Azure Data Fundamentals**

Microsoft • 2023

## **Azure Fundamentals**

Microsoft • 2023

## **Google Cloud Computing Foundations: Data, ML, and AI**

Google Cloud • 2023

- Gained foundational knowledge of data, ML, and AI tools like Vertex AI, Dataprep, and Dataflow.

## **Google Cloud Computing Foundations: Networking & Security**

Google Cloud • 2023

- Acquired expertise in networking concepts, VPCs, firewalls, and IAM on GCP.

## **Google Cloud Computing Foundations: Infrastructure**

Google Cloud • 2023

- Explored Google Cloud infrastructure components, including Compute Engine, Storage, and Kubernetes Engine.

## **Google Cloud Computing Foundations: Cloud Computing Fundamentals**

Google Cloud • 2023

- Understood cloud principles like scalability, elasticity, and service models (IaaS, PaaS, SaaS).

## **Introduction to Generative AI**

Google Cloud • 2023

- Explored generative AI techniques, including GANs and autoencoders, for creative applications.

## **AWS Academy Graduate – AWS Academy Introduction to Cloud Semester 1**

Amazon Web Services • 2022

## **Introduction to HTML5**

Coursera • 2022

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## **ACADEMIC/EXTRA CURRICULAR ACHIEVEMENTS**

### **Associate Design Head**

UPES, Dehradun • UPES CSA Student Chapter • June 2023 – Present

### **Beta-Microsoft Learn Student Ambassador**

Microsoft • June 2023 – Present

### **Core Committee Member**

AWS User Group Dehradun • January 2023 – Present

### **Speaker and Organizer**

Microsoft Learn • December 2023 – December 2023

- Led session on "**Introduction to Azure Containers & Microservices**," covering server basics, VMs, and architecture comparison.
- Demonstrated live Azure Container Instance deployment, showcasing practical Docker usage with real-world examples.
- Received positive feedback for clear communication, engaging content, and community contribution.

### **Participant**

S.S. College of Business Studies, New Delhi • HackCBS – India's Largest Student-run Hackathon 6.0 • November 2023 – November 2023

- Led the creation and integration of a blockchain solution at hackCBS 6.0, enhancing healthcare data security for patient-controlled EHR access.
- Key team member in developing a forward-thinking EHR transition solution using blockchain and smart contracts.
- Spearheaded and implemented an innovative healthcare solution at India's Largest Student-run Hackathon 6.0, focusing on blockchain for improved data sharing efficiency.

### **Organizing Committee Member**

AWS Community Day Dehradun 2023 • January 2023 – March 2023

- Created visually appealing graphics and branding materials for AWS Community Day Dehradun.
- Developed and executed social media strategies to promote the event and engage attendees.
- Identified and coordinated with speakers to ensure their participation in the event.
- Oversaw the smooth execution of presentations and managed audiovisual equipment during the event.