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

· Facilitated job postings, scheduled interviews, and communicated with applicants.
· Assisted in the onboarding process for new employees.
· Maintained accurate records and databases.
· Provided general administrative support to the HR team.

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

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.