SUHANI BHATIA

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Education

UPES Dehradun, India	August 2022 – 2026
Bachelors of Technology in CSE – CCVT	CGPA: 8.2/10.0
PINEWOOD SCHOOL, INDIA	March 2021 - May 2022
CBSE Higher Secondary Certificate	Percentage: 77/100.0
PINEWOOD SCHOOL, INDIA	March 2019 - June 2020
CBSE Secondary School Certificate	Percentage: 85.4/100

Internship

AARON EDUCATION WELLFARE SOCIETY
Social Internship | [MAY-AUGUST 2023]

- Assisted with the creation of presentations aimed at raising awareness about the NGO's initiatives.

- Managed and maintained the organization's accounts using Excel, ensuring accurate tracking and reporting.

- Supported the technical aspects of various NGO operations, contributing to their overall mission

CODE ALPHA
Data Science Intern | [Sept-Oct 2024]

- Collaborated on data-driven projects, applying analytical skills to extract insights from large datasets.

- Assisted in building data models and conducting exploratory data analysis (EDA).

- Gained hands-on experience with data science tools and technologies, enhancing problem-solving and technical abilities.

Projects

1. **Optimization of Transportation Services - Seat Booking System**

Project Type: Web Application Development
Technologies Used: Java, AWS (RDS, EC2, S3, Lambda), HTML, CSS, JavaScript

Developed a real-time seat booking system for transportation services aimed at optimizing seat reservations, improving user experience, and minimizing booking conflicts. The system integrates AWS services, leveraging EC2 for hosting, RDS for data storage, S3 for asset management, and Lambda for backend automation. Key features include real-time seat availability tracking, seamless booking flow, and user-friendly interface design. The project focuses on efficient resource utilization and offers scalability for high-demand scenarios.

2. **Timber Artisan Hub - E-commerce Development Platform**
Project Type: Web Development & E-commerce
Technologies Used: HTML, CSS, JavaScript, AWS (EC2, RDS, S3, Lambda), Payment Gateways

Led the development of an e-commerce platform for the Timber Artisan Hub, focused on creating a seamless shopping experience for customers purchasing handcrafted timber products. The platform leverages AWS services for scalability and security, using EC2 for hosting, RDS for database management, and S3 for storing product images and files. Lambda functions automate key backend processes. Key

features include product listing management, user authentication, secure payment processing, and order tracking. The project aims to provide a scalable, user-friendly solution for artisans to sell their products online.

Skills

Programming languages: C, C++, Python, JavaScript

Web Technologies: HTML, CSS, React JS

Cloud: AWS, GCP, AZURE

Soft Skills: Communication, Leadership and Teamwork

Relevant Coursework: Data Structure and Algorithms, Operating Systems, Object Oriented Programming, Digital Logic and Computer Organization

Miscellaneous: MY SQL, Git, GitHub, POWER BI, Tableau

Technical Certifications

- Programming Foundations with JavaScript, HTML and CSS -Duke University, Coursera
- AWS Cloud Semester 1, AWS
- AWS SKILL BUILDER CLOUD QUEST, AWS
- AWS SKILL BUILDER CLOUD PRACTIONER BASICS, AWS
- Business Intelligence using Power BI, Skill Nation