RAHUL JASWAL

UPES

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# Education

## UPES Aug 2022 – Present

*Bachelor of Technology in Computer Science*

**Sant Gyaneshwar School ,Delhi Apr 2020 - May 2022**

*Intermediate in PCM*

**Mont Fort World School ,Karnal Apr 18 – Mar 2020**

*High School*

# Technical Skills

**Languages**: Java , C , Python

**Database**: SQL

**Developer tools**: VScode, IntelliJ, GitHuB, AWS

## Data Structures and Algorithms

**API -** Rest API

**CS Fundamentals**: Computer Networks, Operating System, DBMS, Linux scripting

# Projects

**CAMPUS NAVIGATION USING SHORTEST PATH ALGORITHM** | Developed using HTML, Java spring boot , CSS and JavaScript |

* + Designed and developed a campus navigation system using Java and Dijkstra’s algorithm for optimal route calculation.
  + Created an interactive map interface, allowing users to input starting and destination points for route planning.
  + Integrated real-time campus data (landmarks, buildings, distances) to provide accurate navigation results.
  + Developed an efficient shortest path algorithm to ensure quick responses and a smooth user experience.
  + **Technology Stack:** HTML, CSS, JavaScript , JAVA

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**CAFÉ WEBSITE HOSTING ON AWS S3** | Developed using HTML, CSS, and AWS Services |

* **Amazon S3** – Used for **static website hosting**, storing and serving HTML, CSS, and image files.
* **AWS IAM** – Configured bucket permissions and policies to control public access securely.
* **Amazon CloudFront** (Optional) – Can be used for **content delivery** to enhance performance.
* **AWS Management Console** – Used to create and manage the S3 bucket, configure static hosting, and set permissions.
* **S3 Bucket Policies & ACLs** – Applied policies to allow public read access while ensuring security.
* <https://github.com/Rahul5116/Hosting-static-website-on-AWS-S3->

**Technology Stack:** **HTML, CSS, JavaScript, AWS S3, AWS IAM, Amazon CloudFront (optional)**

# Internships

## Social Intern | NIFAA| Jun 2023 - Jul 2023

* + Contributed to the NGO as a teacher by teaching children in slum areas.
  + Actively participated in Blood donation camps, helping to raise awareness about Blood donation and education among diverse audiences

# Certifications

## Hackerrank Java Basic Certification

* Udemy - Introduction to REST APIs

## AWS Academy

* AWS Cloud Practitioner Essentials.
* AWS Academy Cloud Security Foundations
* AWS Academy Cloud Architecting
* AWS Academy Introduction to Cloud Semester 1
* AWS Academy Introduction to Cloud Semester 2
* AWS Cloud Quest: Cloud Practitioner
* AWS APAC - Solutions Architecture Job Simulation
* AWS getting Started with Cloud Essentials
* Amazon Simple Storage Service (Amazon S3) - Troubleshooting
* AWS Storage Data Protection Services Getting Started
* AWS Cloud for CMOs

# Achievements

* Received **Silver Medal** in National General Knowledge Olympiad
* Successfully completed 100 days of code on leetcode.