

# ANKIT KUMAR

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## Summary:

1 year of experience in cloud computing, specializing in **AWS S3, Cyberduck, Postman, and Dalet flex**. Proven expertise in deploying, and managing scalable cloud infrastructure for OTT services. Skilled in ensuring high availability, security, and performance. Seeking challenging opportunities to leverage my skills and expertise.

## Experience

TECHNICAL APPLICATION ENGINEER | VENSYS CO TECHNOLOGIES | NOIDA

2024 – PRESENT

- AWS S3 bucket For Storage Utilized Cyberduck for secure file transfers and management.
- Postman for API testing and integration - Content Ingest systems (CIS)
- Implemented Dalet flex for efficient resource allocation and monitoring
- Ensured scalable and secure cloud infrastructure for OTT services OTT Services (Video Streaming)
- Cloud Security (IAM, Encryption, Access Control).
- Used Video Crypt for encrypting and protecting video content.

## Technical Skills

- **Web Development:**
  - HTML5, CSS3, JavaScript, React.js, Bootstrap
  - Responsive Web Design, Front-end Development
- **Database Management:**
  - MySQL (Relational Database Design, SQL Queries, Data Manipulation)
- **Cloud Platforms:**
  - AWS (EC2, S3, Lambda, CloudFormation)
  - Microsoft Azure (Azure App Services, Azure Functions)

## Education

### B.Tech

Dr.Apj Abdul Kalam University Lucknow

2019 - 23

- Sanskar College Of Engineering And Technology Ghaziabad

### Intermediate

Uttar Pradesh State Board

2016 - 18

- Ch. B S S Inter College Riwari Sakeet Etah High School

## Projects

### 1. Waves OTT App / Web /Tv (Prasar Bharati)

#### Project Description:

- The Waves OTT App is a dynamic Over-The-Top (OTT) streaming platform. high-quality video content to users across various devices (web, mobile, Tv And tablet) The app allows users to stream movies, TV shows, documentaries, and live content on-demand, with features such as personalized content recommendations, user subscriptions, and an easy-to-navigate interface.

- The primary goal of this project was to create a seamless video streaming experience, leveraging cloud infrastructure for scalability and media storage.
- **Key Responsibilities:**
  - **Content Management**  
Managed the content ingestion process by importing media files from AWS S3 to the application backend for processing, ensuring efficient storage and retrieval of large media assets.
  - **Metadata Creation**  
Created and structured **metadata in JSON format**, ensuring accurate categorization and easy retrieval of media details such as title, description, duration, genre, and more.
  - **Content Distribution:**  
Coordinated with the **Production API** to send and synchronize content to **CIS (Content Information System)**, ensuring that content was available for streaming and metadata was correctly linked.
  - **API Integration**  
Integrated APIs for smooth content delivery between different services, allowing content to flow from **S3 storage to CIS** and then to the front-end platform with minimal latency.
  - **Integrated Video Streaming Features**  
  
Integrated streaming functionality by incorporating video player components, ensuring smooth video playback and adaptive streaming quality.
  - **Performance Optimization**  
Ensured efficient media processing, metadata handling, and content delivery to end users, optimizing performance for quick content availability and minimal buffering.

## 2. Web Weather App | HTML, CSS, JAVASCRIPT, WEATHER API

- Designed and developed a dynamic and user-friendly weather web application using HTML, CSS, and JavaScript. Implemented responsive design principles to ensure seamless user experience across various devices.
- Integrated with a weather API to fetch real-time weather data and display it intuitively and visually appealingly.
- Implemented interactive features like location-based weather updates and a user-friendly interface for selecting different cities.

## Certifications

- |   |        |
|---|--------|
| • React .Js Essentials Bootcamp   <b>let's upgrade</b>                            | • 2023 |
| • Front-end Development: Features of HTML5 CSS3   <b>Infosys Springboard</b>      | • 2023 |
| • JavaScript Essentials 1   <b>Cisco</b>  | • 2024 |
| • Microsoft Azure Fundamentals: Azure Architecture and Service   <b>Microsoft</b> | • 2024 |
| • Azure Describe Cloud Concepts   <b>Microsoft</b>                                | • 2024 |