Ankit Kumar

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PROFESSIONAL SUMMARY

Media-focused Cloud Engineer with over a year of experience optimizing OTT platforms and content delivery workflows. Strong hands-on knowledge of AWS (EC2, S3, Lambda, RDS), DevOps automation tools, and infrastructure as code. Committed to building secure, scalable, and high-performance solutions for video streaming environments.

EDUCATION

B.Tech CSE
Sanskar College of Engineering And Technology Ghaziabad   • 2023

Intermediate
Ch. B S S Inter College Riwari Sakeet Etah   •2018

WORK EXPERIENCE

Technical Application Engineer | Vensysco Technologies | Noida   **2024 – PRESENT**
- Automated secure file storage and transfer using **AWS S3 , Cyberduck.**
- Integrated and tested **APIs** with Postman to support **media ingest workflows**.
- Utilized **Dalet Flex** for monitoring and efficient resource management.
- Developed secure cloud infrastructure for **OTT streaming platforms**
- OTT streaming (IAM, Encryption, Access Control).
- Leveraged **VideoCrypt** for secure video delivery and **playback encryption**.

Technical Skills

- **Cloud Platforms:** Amazon Web Services (AWS)
- **Data Storage:** Amazon S3, Amazon Redshift
- **Data Processing:** Amazon Glue, Amazon EMR
- **Data Analytics:** Amazon QuickSight, Amazon Athena,
- **Database Management:** MySQL
- **Compute Services :**Ec2 , lambda
- **Security:** AWS IAM

PROJECTS

1. Waves OTT App (Prasar Bharati)
  A cloud-based Over-The-Top (OTT) video streaming platform for cross-device media delivery
  Tech Stack: AWS, JSON, API Integration, Video Streaming.
  Tools: AWS S3 Cyberduk, JSON, CIS API, VideoCrypt
   Key Responsibilities:
  • Built and managed a full-scale OTT platform for multi-device video streaming.
  • Automated media ingestion from AWS S3 into backend content systems.
  • Created structured metadata in JSON for easy indexing and categorization.
  • Coordinated with the CIS Production API to sync and stream content.
  • Integrated adaptive streaming and encryption using secure video players.

2. Web Weather App
  Designed a responsive, real-time weather app Implemented location-based updates and an intuitive UI.
  Tech Stack: HTML, CSS, JavaScript,Weather API
  • Fetched live weather data using a public weather API.
  • Ensured mobile responsiveness with modern front-end best practices.

CERTIFICATIONS

- AWS Storage | **Aws Training and Certification**   • 2024
- AWS Cloud Essentials | **Aws Training and Certification**   • 2024