

# ISHIKA KUMARI

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Aspiring **Computer Science** student with a strong foundation in **cloud computing, problem-solving, and software development**. Passionate about **AWS, Google Cloud**, and infrastructure development. Skilled in **Java, DSA, and frontend technologies**, eager to contribute to innovative projects and gain hands-on experience in cloud-based solutions.

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## EDUCATION

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**B.Tech in Computer Science**, Specialization in Cloud Computing and Virtual Technology, University of Petroleum and Energy Studies **Sep 2022 – May 2026**

□ Cumulative **GPA**: 7.3 (currently)

**Kendriya Vidyalaya NO.1 Salt Lake** | High Secondary

**Mar 2020 – Mar 2021**

□ Percentage : 88.4/100

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## SKILLS Technical skills

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JAVA	GitHUB
AWS	Docker
DSA	HTML

### Soft Skills

- Analytical thinking and problem-solving.
- Strong communication and collaboration skills.
- Ability to adapt and learn new technologies quickly.

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## PROJECTS Cloud-Based Application Deployment

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- Designed and deployed a sample web application on AWS using EC2 instances, implementing cloud deployment strategies and infrastructure management.
  - Gained a strong understanding of **VPC** concepts, features, and their application in cloud networking.
  - Implemented **VPC Peering** for secure interconnection between networks.
  - Deployed a **Three-Tier Architecture** on AWS using: ○ **AWS Lambda** for the application layer ○ **Amazon RDS/DynamoDB** for the data layer ○ **Amazon EC2** for the presentation layer
  - Configured a **Virtual Private Cloud (VPC)** for network isolation and security.

### Solo Backpackers

- Solo Backpackers is a demo map website designed for solo travelers looking to explore **Uttarakhand**.
- Provided efficient **route recommendations** using **Dijkstra's algorithm**, ensuring travelers can navigate safely without relying on strangers.
- **Technologies Used**: HTML, CSS, Node.js, JavaScript

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## CERTIFICATES

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Digital Transformation with Google Cloud

AWS Academy Cloud Architecting Course

AWS Academy Graduate – AWS Academy Introduction to Cloud

AWS Cloud Quest: Cloud Practitioner

Getting Started with DevOps in AWS

Configure and Deploy AWS PrivateLink

Amazon Simple Storage Service – Troubleshooting

Physics Wallah – DSA in Java