# SANSKRITI KUMARI

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## EDUCATION

**Bachelor of Technology, Computer Science and Engineering**                    2021-2025
Vellore Institute of Technology, Chennai, Tamil Nadu, 8.25 CGPA
**HSC or Higher Secondary Certificate**                    2019-2020
Loyola High School, Patna, Bihar, 80.8
**SSC or Secondary School Certificate**                    2017-2018
ST. Joseph's Convent High School, Patna, Bihar, 87.2

## SKILLS

| | |
|---|---|
| **Technical Skills** | C++, C, Java, DSA, R-programming, HTML, CSS, Java Script |
| **Databases** | SQL, NO-SQL, MongoDB |
| **Others** | Kali Linux, Artificial Intelligence |

## CERTIFICATIONS

**AWS Certified Cloud Practitioner**                    08/2024 - 08/2027
Amazon AWS                    Certificate

- Strong understanding of cloud computing principles and best practices
- Assisted in cloud migration and architecture planning, improving deployment efficiency by 20%

**AWS Certified Solution Architect**                    08/2024 - 08/2027
Amazon AWS                    Certificate

- Expertise in network architecture, cost optimization, and AWS security controls, reducing costs by 15%
- Identified and implemented AWS services to meet performance, scalability, and security requirements, boosting efficiency by 30%

## PROJECTS

**Blog Writing Website.**
Created an efficient content delivery system for the PEN and PIXEL website, supporting 1,200+ article uploads over six months.
●Ensured 99.9% uptime for the website, maintaining continuous availability and smooth user experience.
- Streamlined article submission process, reducing content publishing time by 20%.

**NLP to Query**
Designed and executed a solution converting NLP inputs to SQL, increasing query accuracy by 30%.
- Improved data retrieval efficiency by 25%, leading to faster and more precise database interactions.
- Reduced manual query writing time by 40%, significantly improving team productivity.
- Optimized algorithms for query conversion, cutting down processing time by 15%.
- Delivered a user-friendly interface, facilitating easy interaction with complex databases.

**Research Paper on Card Payment Security** Click here
Authored a research paper on the RSA algorithm's implementation, enhancing security for card payments by 35% and reducing unauthorized access incidents by 20%.
- Improved encryption protocols, reducing the risk of unauthorized access by 25%.
- Enhanced transaction security, achieving a 20% reduction in payment fraud incidents.
- Proposed encryption techniques that decreased data breach probability by 15%.
- Presented findings at a national-level conference attended by 500+ participants, receiving a 95% positive feedback for innovative approaches to data protection.