

Vrinda Kalarikal

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Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2022 – 2026	B.E. in Computer Science	JSS Academy of Technical Education, Bengaluru	8.4/10
2020 – 2022	PUC (PCMC)	Jyoti Nivas PU College, Bengaluru	84%
2008 – 2020	ICSE (X)	Lawrence High School, Bengaluru	89%

Profile

- Aspiring AWS Cloud Engineer with hands-on experience in deploying and managing cloud-based applications.
- Strong understanding of cloud fundamentals including compute, storage, networking, and IAM on AWS.
- Experienced in deploying applications on EC2, managing data using S3, and configuring access control with IAM.
- Passionate about building scalable, secure, and reliable cloud solutions.

Key Projects

- **Expense Tracker App — Cloud-Based Deployment**
 - Deployed a backend application on cloud infrastructure with database integration.
 - Managed application data storage and performed analysis on user expense data.
 - **Tech Stack:** Python, MySQL, GCP
- **AWS Cloud-Based Web Application Deployment**
 - Deployed a static and dynamic web application using Amazon EC2 and Amazon S3.
 - Configured IAM users, roles, and permissions following least-privilege principles.
 - Implemented S3 for object storage and EC2 for application hosting.
 - **AWS Services:** EC2, S3, IAM
- **Machine Learning Prediction Model**
 - Built supervised ML models using Scikit-learn for prediction tasks.
 - Evaluated models using accuracy, precision, recall, and confusion matrix.
 - **Tech Stack:** Python, Scikit-learn, NumPy
- **Generative AI for Legal Document Analysis**
 - Developed an AI-based system for legal document understanding and simplification.
 - Integrated retrieval-based pipelines with cloud AI services.
 - **Tech Stack:** Python, GCP, Document AI, RAG

Technical Skills

- **Programming Languages:** Python, C
- **Cloud Platforms:** Amazon Web Services (EC2, S3, IAM), Google Cloud Platform (GCP)
- **Machine Learning :** Supervised Unsupervised Learning, Random Forest, Model Evaluation Metrics
- **Databases:** SQL, MySQL, MongoDB
- **Tools:** Git, Docker

Certifications

- AWS Academy Cloud Foundations
- MongoDB for SQL Experts
- Cloud Computing — GlowLogics

Extracurricular Activities

- **Core Committee Member**, Verve 2025 – Annual Techno-Cultural Fest, JSSATE-B