

KRITIKA AGGARWAL

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Education

Bharati Vidyapeeth College of Engineering – B.Tech ECE CGPA: 7.0/10	2022 – 2026
Sumermal Jain Public School , Class XII (CBSE, Science) Percentage: 78%	2021 – 2022
Sumermal Jain Public School , Class X (CBSE) Percentage: 77%	2019 – 2020

Work Experience

Cloud Security & Infrastructure Intern – Celebal Technologies • Automated secure cloud infra on AWS & Azure; worked on IAM, CI/CD, networking. • Supported scalable enterprise setups with monitoring & compliance. • Improved infrastructure audit readiness by implementing basic logging and alerts.	Jun 2025 – Aug 2025
Technical Intern (AWS Domain) – K21 Academy (Remote) • Worked on AWS-based solutions including EC2, S3, IAM and automation tasks. • Authored SEO-optimized technical blogs to explain AWS tools and services. • Collaborated with teams to develop reusable cloud infrastructure templates.	Aug 2022 – Nov 2022

Projects

Polite AI Email Responder – LaMini-Flan-T5, Gradio, Hugging Face GitHub • Built GenAI email reply tool; reduced response time by 90% with tone selection. • Modular agentic design ready for LangChain multi-step reasoning. • Deployed with professional UI on Hugging Face using Gradio Blocks.
AI Expense Tracker – Alexa, Streamlit, Firebase, Python GitHub • Voice-enabled app to track expenses with ML classification (95% accuracy). • Used AWS Lambda & Firebase for real-time backend. • Enabled natural language input with Alexa voice assistant.
File Processing System – AWS EC2, S3, Python GitHub • Automated 100GB+ file ingestion; improved extraction speed by 30%. • Secured access with IAM and used Git for version control. • Simplified document parsing using Python-based metadata extraction.

Technical Skills

• Languages: Python, C++, C, SQL	• Tools: Git, GitHub, CI/CD, Streamlit, Gradio, LangChain, Firebase, VS Code
• Cloud: AWS (EC2, S3, Lambda, IAM, etc.), Azure	• Subjects: AI/ML, DSA, DBMS, OOP, Networking
• AI/ML: GenAI, Agentic AI, Responsible AI, Foundation Models	• OS: Windows, Linux, Ubuntu, MacOS
• Databases: MySQL, DynamoDB, Redshift, SQL Server	

Certifications & Achievements

• AWS Certified AI Practitioner (2025) – Credly Badge	• Participated in hackathons & AI/ML projects
• Completed AWS Internship at K21 Academy	• Recognized for leadership & problem-solving

Soft Skills

Leadership • Problem-solving • Teamwork • Communication • Adaptability