

RUPAK NALLA

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OBJECTIVE

Aspiring cloud engineer with knowledge of cloud platforms, backend systems, and web development. competent in serverless architecture implementation, scalable application deployment, and system performance optimization. enthusiastic about using AI and cloud computing to tackle practical issues in group settings

EDUCATION

BS Degree in Data Science and Applications 2022 - present

Indian Institute of Technology Madras.

CGPA: 7.48/10

B.Tech in Computer Science and Engineering 2021 - Present

Jawaharlal Nehru Technological University Hyderabad University College of Engineering Manthani.

CGPA:7.09/10

SKILLS

Cloud Platforms: Google Cloud (App Engine, Dataplex, Pub/Sub, Looker, Cloud Functions), Firebase .

AI & ML Tools : Vertex AI, Gemini, Streamlit.

Databases : SQLite , MySQL , MongoDB , Redis.

Programming languages : Python , Javascript , C/C++ .

Tools: Git , VS Code .

PROJECTS

Generative AI Chatbot:

- Built a chatbot using Google Cloud Vertex AI and Streamlit, incorporating prompt design for enhanced user interaction.
- Integrated with Google Workspace Tools to streamline communication workflows.

Tech: Next.js, Tailwind CSS.

Image Analysis Application:

- Developed an image recognition and metadata extraction application using Google Cloud Vision API
- Leveraged Cloud Functions for real-time analytics and Dataplex for efficient data organization.

Tech:Flask, SQLAlchemy, Vue.js, JWT, Celery, Redis, SQLite.

WORKSHOPS & TRAINING

Google Cloud Study Jam Participant

Conducted by IITM's GDG

Nov-2024

- Hands-on experience with Google Cloud tools, including App Engine, Pub/Sub, Cloud Functions, and Dataplex.
- Gained proficiency in developing generative AI applications with Vertex AI and APIs like Cloud Vision.