



Anukul Raj

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Professional Summary

A highly motivated, well-organized, and goal-oriented Computer Science Engineering graduate with honors in Cloud Computing and a strong foundation in software development, algorithm design, and system analysis. Possessing excellent communication, problem-solving, and leadership skills, coupled with a creative mindset and a proven ability to think critically and deliver innovative solutions.

Skills

C++ (Object oriented), Java, AWS, GitHub, OS, MS Azure, Python, SQL, Problem-solving, C

Education

Krebs Mountain College	Apr 2020 – Apr 2024
UG- B. TECH - Computer science & Engineering	Bengaluru
Montfort School	Apr 2018 – Apr 2020
Intermediate	Bengaluru
Montfort School	Apr 2017 – Apr 2018
Matriculation	Bengaluru

Experience

SAMSUNG RESEARCH	Feb 2023 – Aug 2023
Intern	
• Worked on a project to compare different 5G networks based on speed, usage, and other key performance factors. • Cleaned and processed large datasets provided via APIs from Samsung to ensure data quality and reliability. • Trained on concepts like embedding, RAG, prompt Engineering, fine tuning, vector databases and various LLM topics.	

Projects

CLOUD BASED GEOSPATIAL ANALYTICS FOR DISASTER RESPONSE	Oct 2024
<i>Skills:</i> Python, Streamlit, OpenAI API, pytesseract	
• Designed and implemented a major project using AWS Cloud to process and analyze geospatial data for disaster response and management. • Developed a multi-format file classification system supporting PDF, DOCX, TXT, and image files (PNG, JPG, JPEG), using python-magic for MIME-based detection and Tesseract OCR for image text extraction. • Leveraged AWS services like Amazon S3, EC2, Lambda, and RDS to build a scalable and efficient cloud-based infrastructure.	
BLOOD BANK MANAGEMENT SYSTEM- WEBSITE	Ongoing
<i>Skills:</i> Python, Streamlit, OpenAI API, pytesseract	
• Developed a comprehensive Blood Bank Management System with AI-driven blood bank location system integrated through Python scripts for real-time identification of nearby blood banks. • Front-end developed using HTML, CSS, Bootstrap, and JavaScript for a responsive, user-friendly interface.	

Certification

- Azure Administrator Associate
- Azure Administrator Associate

Inter-personal Skills

- Effective teamwork and problem-solving abilities.
- Strong communication and leadership skills