GOKULNATH V

Bangalore, India | gokulnathvwork@gmail.com | +91 9108107085 | Portfolio | Linkedin | Github

ABOUT ME

Enthusiastic undergraduate in **Computer Science and Data Science**, proficient in **Python & C++**. Experienced in software and web development technologies, with a strong focus on data-driven solutions. Developed **Machine learning** models and deployed scalable applications on **AWS**. Skilled in data engineering with hands-on experience in **MySQL** and data manipulation using python. Passionate about exploring new technologies and leveraging my technical and analytical skills to develop innovative software products and cutting-edge test frameworks. Committed to continuous learning and modern engineering practices to deliver impactful results.

EDUCATION

RNS INSTITUTE OF TECHNOLOGY, Bangalore — *2021 - present*

Bachelor of Engineering in Computer Science & Data Science — CGPA : 9.37

Coursework: Programming, Computer Networks, DSA, DBMS, OS, ML

KLE SNC PU COLLEGE, Bangalore — 2019 - 2021

PUC (PCMB) — Scored 99.3 %

EXPERIENCE

Undergrad Research Student, NOKIA NBUC - RNSIT — MAY,2024 - present

- Collaborating with Nokia engineers on a cutting-edge research project aimed at improving Self-Optimization and Quality of Service (QOS) for cellular base stations.
- Conducting in-depth analysis and developing innovative solutions to enhance the performance and efficiency of cellular networks.

Web Developer Intern at PRODIGY INFOTECH — Nov,2023 - Dec,2023

- Developed and enhanced web applications using HTML, CSS & JavaScript, focusing on improving user experience and functionality, resulting in an increase in application performance.
- Recognized for attention to detail & creativity, acknowledged with a letter of recommendation.

PERSONAL PROJECTS

AI Multi-model Hub | *Gen-AI, Python, Huggingface, Streamlit* **|** Github **|** Link

- Implemented an AI Model Hub integrating open-source models for AI tasks like text-to-image generation, Natural Language Chat, Voice chat and interactive PDF querying, with a responsive Streamlit UI, ensuring seamless functionality

Electricity Bill- Database Management System | *Java, MySQL, JDBC* **|** Github

- Developed a Java & MySQL-based Electricity bill management system with GUI, achieving reduction in data retrieval times through optimized queries.

Car Resale Value Analyser Model | *Python, Data Science, Prediction System* **|** Github

- Developed a high-accuracy Linear Regression model for predicting used car prices, incorporating data cleaning, EDA for feature selection, and deployment via Flask for real-time predictions.

Diabetes Prediction Using Machine Learning | *Python, Machine Learning* **|** Github

- Developed a prediction system utilizing data preprocessing, visualization & multiple ML algorithms, enhancing diagnosis accuracy.

Research Work

- Presented a research paper titled "***Maximizing the Potential of Data Analytics in Sports: Ethical Considerations in Decision Making***", exploring the intersection of data science and ethical practices in sports analytics.

TECHNICAL SKILLS

Programming Languages : Intermediate in : Python, C, C++, SQL , HTML, CSS, **Basics in :** Java, R, Javascript

Technologies & Platforms : AWS, MS Office, MySQL, Git & Github, VS Code.

CERTIFICATIONS

- **Machine Learning Specialization** by Stanford, Andrew NG
- **AWS Cloud Foundations** by Amazon AWS Academy
- **Google IT Support** by Google, Coursera
- **Python Essentials** by Cisco

ACHIEVEMENTS

- Awarded '**Medal of Merit**' for academic excellence throughout Engineering studies.
- Represented RNSIT in the GenAI hackathon conducted by **GLC and HP** in January 2024.
- Consistently recognised '**Student of the Year**' in High School for excelling in sports, academics and leadership.