ANUP DAS

Guwahati – 781021, Assam, India
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Results-driven Computer Science and Engineering student with a passion for data science, analytics, and quantum computing. Demonstrates proficiency in developing impactful BI dashboards, deriving actionable insights from complex datasets, and creating robust machine learning models. Skilled in navigating quantum computing systems, showcasing a strong ability to drive innovative projects that intersect technology and finance. Recognized for excellent collaboration and problem-solving skills, contributing to team success and organizational goals.

EDUCATION

Bachelor of Technology, Computer Science and Engineering 2025
North Eastern Regional Institute of Science and Technology | CGPA: 9.24

SKILLS

- **Programming Languages:** Python3, C++, SQL, ReactJS
- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Power BI
- **Quantum Computing:** Qiskit, DWave Ocean SDK
- **Machine Learning:** Proficient in building and deploying machine learning models
- **Version Control & Scripting:** Git, Shell Scripting

PROJECTS

- **Comparative Performance Analysis of Quantum and Classical Algorithms for Optimization**
  (under development)
  Developing new quantum algorithms and conducted a comparative study of quantum and classical algorithms for optimization problems. Analysing solution accuracy and computational efficiency to provide insights into their practical applications and limitations in real-world scenarios.
  Visit: https://shorturl.at/XxdVs

- **Real Estate Property Price Prediction**
  Deployed a web application using Nginx on an AWS EC2 instance to predict housing prices in Bangalore, incorporating machine learning algorithms for accurate predictions.
  Visit: https://shorturl.at/XxdVs

- **Sales Data Analytics**
  Designed and developed a comprehensive Business Intelligence dashboard that leverages real-world sales data. This tool provides actionable insights into sales performance, customer behaviour, and market trends, empowering stakeholders to make informed decisions and strategies in the field of sales analytics.
  Visit: https://shorturl.at/XxdVs

- **Bloch-Sphere Visualizer**
  Built using Python, Tkinter for the GUI, and Qiskit for quantum computing functionality. The visualizer provides an interactive way to visualize quantum states on the Bloch Sphere, which is essential for understanding single-qubit quantum mechanics.

EXPERIENCE

Summer Intern - National Institute of Technology Raipur 06/2024 – 07/2024

Contributed to the frontend development of the "Financial Tracking and Management E-platform" project, enhancing UI/UX and ensuring cross-platform functionality. Collaborated with NIT Raipur, NERIST, and AZTax Solutions Inc. to deliver a scalable solution aligned with industry standards.