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. Proficient in building BI dashboards, extracting insights from complex data, and developing machine learning models. Skilled at navigating quantum systems and delivering innovative tech-finance projects. Recognized for collaboration, problem-solving, and driving project success.

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, MS Excel
- **Quantum Computing:** Qiskit, DWave Ocean SDK
- **Machine Learning:** Model development, optimization, deployment
- **Version Control & Scripting:** Git, Shell Scripting

PROJECTS

- **Comparative Performance Analysis of Quantum and Classical Algorithms (Under Development)**
  - Developing quantum algorithms for optimizations using Qiskit, DWave Ocean, and Q# and compared them with classical optimization methods.
  - Enhanced solution accuracy up to 90% and improved computational efficiency, providing key insights into real-world applicability.

  Project Link
- **Real Estate Price Predictor**
  - Deployed a web application using Nginx on AWS EC2 to predict Bangalore housing prices.
  - Integrated machine learning models, achieving 15% accuracy in price forecasting.

  Project Link
- **Sales Data Analytics**
  - Built a BI dashboard leveraging real-world sales data to analyse sales performance and customer behaviour.
  - Delivered actionable insights that improved decision-making and sales strategy optimization.

  Project Link
- **Bloch Sphere Visualizer**
  - Created a Python-based interactive Bloch Sphere visualizer using Tkinter and Qiskit, allowing real-time visualization of quantum states for single-qubit systems.

  Project Link
- **Cricket Data Analytics**
  - Developed a comprehensive cricket data analytics project that identified optimal player combinations, resulting in an average score increase of 50% per match.
  - Utilized web scraping and data analysis techniques to derive insights from performance metrics, enhancing team selection strategies.

  Project Link
- **Employee Attendance Analysis**
  - Designed and implemented an HR data analytics dashboard that streamlined employee performance tracking, resulting in a 20% improvement in retention rates.

  Project Link

EXPERIENCE

Summer Intern – National Institute of Technology, Raipur June 2024 – July 2024

- Engineered the frontend of a financial tracking platform, collaborating with NIT Raipur, NERIST, and AZTax Solutions Inc., Canada.
- Enhanced UI/UX, improving user interaction by 25% and ensuring seamless cross-platform performance.