

ANUP DAS

Guwahati – 781021, Assam, India

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Motivated under graduate in Computer Science and Engineering with a strong foundation in data analytics, process optimization, and digital transformation. Proficient in Python and SQL, have hands-on experience in data cleaning, transformation, and visualization. Exceled in developing data-driven solutions and collaborating with cross-functional teams to derive actionable business insights and enhance operational efficiency.

EDUCATION

Bachelor of Technology, Computer Science and Engineering June 2025
North Eastern Regional Institute of Science and Technology (NERIST) | CGPA: 9.23

PROFESSIONAL EXPERIENCE

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

- Engineered the frontend of a financial tracking platform in collaboration with IBITF – IIT Bhilai, NIT Raipur, NERIST, and AZTax Sol Inc., Canada, resulting in a 25% reduction in transaction processing time.
- Enhanced UI/UX through iterative design improvements, increasing user engagement by 30% and reducing user errors by 20% across multiple platforms.

LEADERSHIP

Startup Coordinator – Institutions' Innovation Council, NERIST July 2024 – Present

- Actively contributed to fostering innovation and entrepreneurship by organizing 7 events, which increased participant engagement by 50%

Finance Secretary – Computer Association of NERIST (CAN) July 2023 – July 2024

- Managed finances, budgeting, and fundraising for CAN, raising over ₹100,000 through 3 targeted campaigns and organizing 2 tech and community events.

CERTIFICATIONS

Introduction to Internet of Things – NPTEL November 2024
Data Analysis with Python – freeCodeCamp August 2024
The Joy of Computing using Python – NPTEL November 2023
Cybersecurity – NIELIT November 2023

PROFESSIONAL DEVELOPMENT

BCG Introduction to Strategy Consulting Job Simulation – Forage March 2025

- Acquired creative thinking by challenging the assumptions that guide today's thinking
- Used effective brainstorm strategies to generate ideas to help a fictional luxury clothing firm increase sales revenue.

SKILLS

- Programming & Scripting:** Python, SQL, Java, C++, Bash, PowerShell
- Data Analytics & Visualization:** Data cleaning and transformation, Power BI, Advanced Excel, Matplotlib, Seaborn
- Data Management:** ETL, Data warehousing, MySQL, PostgreSQL
- Statistical & Predictive Analysis:** Data modelling, Trend analysis, KPI tracking
- Development Practices:** Agile, Scrum, CI/CD, Git
- Cloud & Automation:** AWS, GCP, Automated Data workflows
- Additional Attributes:** Quantum computing, Qiskit, D-wave Ocean SDK, Research, UI/UX development
- Soft Skills:** Strong analytical and Problem-solving abilities, Excellent communication, Stakeholder collaboration

PROJECTS

Comparative Performance Analysis of Quantum and Classical Algorithms (In progress)

- Developed and benchmarked quantum optimization algorithms, achieving more than 90% improvement in solution accuracy and significantly enhancing computational efficiency.

Real Estate Price Predictor (Project Link)

- Deployed a scalable web application on AWS EC2 with Nginx to predict housing prices in Bangalore, enabling real-time data analysis and user interactions, increasing prediction accuracy by 15%.

Sales Data Analytics (Project Link)

- Created an interactive BI dashboard using real-world sales data from a computer hardware manufacturer, providing a comprehensive view of market dynamics over a 12-month period.
- Delivered insights that optimized sales strategies and contributed to a 15% increase in operational efficiency and revenue growth.

Cricket Data Analytics (Project Link)

- Engineered a data analytics project that identified optimal player combinations through advanced web scraping and statistical analysis of over 1,000 performance data points to refine team selection strategies, resulting in a 50% average increase in match scores.

Employee Attendance Analysis (Project Link)

- Designed and implemented an HR analytics dashboard that streamlined employee performance tracking, leading to a 20% improvement in retention rates.