

KRISHNENDU NANDY

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PROFILE SUMMARY

Dedicated final year engineering student with a good knowledge about data structures and algorithms also with some cyber security skills. Proven expertise in crafting production-ready code and optimal solutions to code. Always eager to contribute dynamic skills to innovative projects.

EDUCATION CREDENTIALS

Bachelor of Technology *Techno Main Salt Lake,*
Electronics and Communication Engineering
Cumulative GPA: 7.59/10 (Up to 7th Semester)

Kolkata, West Bengal
2021 – 2025

PROJECTS

Cyber Security Threat Intelligence Dashboard

- Developed an **advanced cybersecurity threat intelligence dashboard** using **Power BI, Python and SQL**, enabling **real-time threat monitoring** of global cyber threats, reducing **incident response time by 40%**.
- Integrated **live API feeds**, eliminating manual data collection and improving **operational efficiency**.
- Engineered a **robust system** that provides actionable insights into attack trends, threat severity, and geolocation to help security teams prioritize high-risk threats.
- Automated **alerts and scheduled data refreshes** via **Power Automate**, ensuring **continuous monitoring without manual intervention**.

Predictive Sales Forecasting

- Built an end-to-end forecasting system integrating **Python, Power BI, and SQL**, ensuring **real-time sales prediction updates**.
- Compared multiple models, reducing sales prediction error (**MAPE**) by **45%**.
- Integrated forecasting into **Power BI dashboards & automated reports**, providing **dynamic sales insights**.
- Delivered **data-driven insights** on future sales trends, improving **demand planning and budget forecasting**.

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python
- **Core Computer Science:** Data Structures and Algorithms (DSA), Object Oriented Programming (OOP), Database Management (DBMS), Computer Networks
- **Development Tools and Frameworks:** Microsoft Visual Studio Code, Pandas, Numpy, Git, Firebase
- **DB Language:** SQL

ACHIEVEMENTS

- Achieved **5-star rating** in **Python** on Hackerrank
- Fortinet Training Institute **Certified Associate in Cybersecurity**
- Achieved **5-star rating** in **C++** on Hackerrank

SOFT SKILLS AND EXTRA-CURRICULAR

Problem Solving | Competitive Programming | Agile Development | Team Collaboration
Strong analytical and critical-thinking skills, demonstrated through projects.

LANGUAGES

English - (proficiency-High)
Hindi - (proficiency-Moderate)
Bengali - (proficiency-Native)