SNEHAL RAKAS

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Summary

Aspiring Data Engineering Intern with a strong focus on programming skills, knowledge of databases, and enthusiasm for data infrastructure.

Education

B.Tech in Computer Science and Engineering (Data Science), RCOEM | 2022–2026 | CGPA: 8.8/10

Technical Skills

- **Languages:** C++, Python
- **Concepts:** SDLC, Software Testing Life Cycle, Unit Testing, Defect Reporting,

Documentation

- **Data Engineering concepts: data pre and post processing, MySQL**
- **Cloud:** AWS (90+ hrs hands-on training), cloud concepts - (Scalability, Reliability, Availability,EC2,S3)
- **Tools:** Git, GitHub, VS code
- **Others**: Data Visualisation (Matplotlib, Seaborn), PowerBI, Tableau, Qlik

Projects

1. Inventory Management Project (Round 2 Qualifier – Woodpecker's Hackathon)
May 2024 **[Link]**

- Performed ETL on inventory records and loaded cleaned data into MySQL.
- Applied ARIMA forecasting to predict stock levels with **85% accuracy** and built dashboards for restocking insights.

2. FINBIZZ – Full-Stack Finance Prediction   *July - December 2024*

- Built an executive dashboard to monitor **10+ KPIs**, track **1,000+ transactions**, and forecast revenue using SMA-based ML models.
- Consolidated enterprise financial data to enable **30% faster trend analysis** and predictive insights.

3. NOVA: Virtual Desktop Assistant   *December 2024 - April 2025* **[Link]**

- Developed an AI-powered desktop assistant to automate routine tasks, provide intelligent responses, and enhance human-computer interaction.
- Performed **comprehensive testin**g under various conditions and prepared detailed project **documentation** to ensure reliability and clarity.
- Leveraged natural language processing, desktop automation, and voice interaction to achieve **78% efficiency**, outperforming existing virtual desktop assistants in specific scenarios.

Work Experience (Virtual Internships):

- **Juniper Networks – Cloud Associate** *(JNCAA),* **May 2025**
- **British Airways – Virtual Job Simulation, Aug 2024**

Certifications

- **Networking Basics – Cisco Networking Academy**
- **Introduction to Linux - edx**

Professional Skills

Adaptability, Fast Learner, Resilient, Dynamic, Team Collaboration

Achievements

Awarded with the second prize in the Woodpecker hackathon for the ML based project. *May 2024*
[Link]