Anurag Chakravarty

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SKILLS

- **Languages**: Python, R Programming, C++
- **Frameworks**: Numpy, Pandas, Seaborn, Matplotlib
- **Tools/Platforms**: MySQL, Tableau, MS Excel
- **Soft Skills**: Data Storytelling, Logical Reasoning, Team Player

INTERNSHIP

- **Yubi – Fintech Company** — June 2024 – July 2024
  Data Analyst
  - **About**: Worked on analyzing large financial datasets, optimizing data pipelines, and deriving insights to support business decisions. Developed interactive dashboards and reports to visualize key financial trends and risk factors. Automated data extraction and transformation processes to improve operational efficiency.
  - **Tech stacks used**: SQL · Python (Pandas, NumPy, Matplotlib) · Tableau · Excel

- **Codsoft** — May 2023 – June 2023
  Python Intern
  - **About**: Developed and optimized Python-based applications, focusing on data processing and automation. Worked on multiple projects, implementing algorithms and building efficient solutions for real-world business problems
  - **Tech stacks used**: Python (Tkinter, Random, String) · GUI · Data Handling · Exception Handling

PROJECTS

- **Password Generator - Secure & Random Password Creation**:
  Used the random library to generate unpredictable passwords for enhanced security.
  Implemented Tkinter to create a GUI-based user-friendly interface for password generation.
  Allow users to customize password length, and include/exclude uppercase, lowercase, numbers, and special characters.
  Ensured cryptographic security by preferring the secrets module over traditional random methods.
  Tech: Python Basics · Random Function · Tkinter (Gui Interface)

- **Rock Paper Scissors - CLI Game**:
  Used random module to generate computer choices.
  Implemented functions for game structure
  Used a while loop for continuous play based on user input.
  Added input validation and score tracking for a better experience.
  Tech: Python · Random · Loops · Functions · Conditionals

- **Excel- Based IPL Performance Analysis**:
  Used Pandas to preprocess IPL match data and NumPy for performance analysis.
  Created visualizations with Matplotlib & Seaborn to identify trends.
  Automated Excel data handling with OpenPyXL for prediction modeling.
  Tech: Python · Pandas · NumPy · Matplotlib · Seaborn · OpenPyXL · Excel

CERTIFICATES

- Programming in C++: A Hands-on Introduction - Coursera — April 2024
- Mastering Data Structures & Algorithms using C and C++ - Udemy — April 2024
- Excel Skills for Data Analytics and Visualization - Coursera — May 2024
- R Programming – Coursera — March 2024
- Become a Data Scientist – LinkedIn — Feb 2023

ACHIEVEMENTS

- **Debate Competition Host | CPE**: — August 2023
  Participated as a host in a debate competition, contributing to the event's successful execution in a formal manner and gaining experience in hosting.

EDUCATION

- **Lovely Professional University** — Punjab, India
  Bachelor of Technology - Computer Science and Engineering; CGPA: 6.12 — *Since August 2022*

- **Buddha Public School** — Saharsa, Bihar
  Intermediate; Percentage: 76% — *July 2019 - June 2021*

- **Buddha Public School** — Saharsa, Bihar
  Matriculation; Percentage: 89.2% — *April 2018 - May 2019*