Anirban Chakravertty

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Summary — Results-driven Data Analyst skilled in statistical analysis, Python programming, SQL, Power BI, and data dashboarding. Expert in extracting actionable business insights, optimizing analytics workflows, and collaborating in cross-functional teams to deliver measurable impact.

Experience

Yash Technologies, Indore   **oct 2025 – current**
Python developer, intern
- Led end-to-end development of Equinox fitness web app using Streamlit & SQL, serving analytics for 200+ clients.
- Built Power BI dashboard for 10,000+ job listings, visualizing salary and posting trends, enabling key HR strategic decisions.
- Engineered data cleaning, normalization, and reporting processes achieving 99percent analytics accuracy

EY, Gurgaon   **June 2025 – sep 2025**
Intern, Deal Analytics and Strategy
- Developed proficiency in PySpark, and Databricks platform doing ETL tasks.
- Created custom visualizations for Power BI using Deneb, enhancing visualization and insights of the data.
- Contributed to establishing a flexible pipeline for rapid development of new visual elements to meet future requirements.

Education

Manipal University Jaipur, Jaipur
B.Tech CSE (AI & ML)
People's Public School, Bhopal
12th Grade - CBSE

Projects

Distributed RAG Backend Platform (Go + Python)
- Designed a hybrid backend system for RAG-based AI services using Go and Python.
- Implemented the core API server in Go for handling user sessions, file uploads, and distributed task scheduling.
- Integrated Python microservices for text vectorization and LLM querying, with Redis as the message broker and PostgreSQL for metadata storage.
- Built realtime progress tracking via WebSockets and a lightweight web dashboard.

Concurrent Distributed Job Queue + Realtime Dashboard
- Built a distributed task queue system in Go using net/http, goroutines, and channels, with Redis as a message broker.
- Includes a realtime web dashboard to visualize queue depth, job throughput, and worker activity across nodes.

Taskq-bench – Job-Queue Load Tester CLI
- Built a Go CLI to benchmark Redis-based task queues, measuring producer/consumer latency and throughput across concurrent worker pools.

Skills

- **Programming Languages:** Python, JS, C, SQL
- **Backend Technologies:** FastAPI, SQLite,Workbench
- **Data Processing:** PySpark, Databricks, Excel
- **Developer Tools :** GitHub, Figma, Docker
- **Frameworks & Libraries:** StreamLit, Pandas, TensorFlow

Certifications

- **Google Data Analytics Professional Certificate (2024)**
- **Power BI Data Analyst Associate (Microsoft Certified) (2025)**
- **AWS Certified Cloud Practitioner (2023)**
- **IBM Data Science Professional Certificate (2025)**