Abhiraj Adhikary

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Aspiring Data Engineer with a strong Python and backend foundation, experienced in building ETL pipelines, APIs, and data workflows using Django and FastAPI. Skilled in Power BI, cloud platforms (AWS, Azure), and DevOps tools like Docker and GitHub Actions. Passionate about designing scalable, data-driven systems.

WORK EXPERIENCES

Data Analyst (Power BI) - Job Simulation   Remote
Forage (PwC)   Internship | Nov – Dec '24

Forage is a free, global platform offering self-paced virtual work experience programs—designed by top companies like BCG, Goldman Sachs, Accenture, PwC, and JPMorgan—that simulate real-world tasks in areas like consulting, data analytics, and software engineering, helping students gain practical skills, shareable certificates, and stronger resumes

Responsibilities:
- Completed a job simulation where I strengthened my PowerBI skills to better understand clients and their data visualisation needs.
- Built Power BI dashboards to present KPIs clearly and address client requirements with effective visual solutions.
- Strong communication skills reflected in the concise and informative email communication with engagement partners, delivering valuable insights and actionable suggestions based on data analysis.
- Analyzed HR data to uncover root causes of gender imbalance at the executive level, emphasizing data-driven problem solving.

Data Analyst - Job Simulation   Remote
Forage (Accenture)   Internship | Sept – Oct '24

Forage is a free, global platform offering self-paced virtual work experience programs—designed by top companies like BCG, Goldman Sachs, Accenture, PwC, and JPMorgan—that simulate real-world tasks in areas like consulting, data analytics, and software engineering, helping students gain practical skills, shareable certificates, and stronger resumes

Responsibilities:
- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture.
- Cleaned, modelled and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions.
- Determine project requirements, establish work schedules, and delegate tasks to the team.
- Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders.

PROJECTS

Quizly
Live | Repo

Quizly is an interactive quiz platform designed to make learning engaging through customizable quizzes, instant feedback, and performance tracking. It helps users test knowledge across various subjects while encouraging continuous improvement through gamified elements

Stack:
- **Programming Language**: Python
- **Frontend Stack**: HTML, CSS
- **AI:** Gemini API
- **Backend Stack:** FastAPI

GitCollab
Live | Repo

GitCollab is a collaboration platform designed to streamline teamwork on GitHub projects through secure, real-time communication and intelligent productivity tools. It enhances developer workflows with features like encrypted messaging, project-linked discussions, and seamless GitHub integration to boost open-source and team contributions

Stack:
- **Programming Language**: Python
- **Frontend Stack**: HTML, CSS, Bulma
- **Backend Stack:** Django
- **Others:** GithubAPI, PostgreSQL, Render

BillVault
Live | Repo

BillVault is a secure and user-friendly web application for managing personal and organizational bills. It allows users to register, log in, and efficiently create, update, categorize, and track bills—all from a centralized dashboard. With features like filtering, admin controls, and responsive design, BillVault simplifies bill management and improves financial organization.

Stack:
- **Programming Language**: Python
- **Frontend Stack**: HTML, CSS, Bulma
- **Backend Stack:** Django
- **Others:** PythonAnywhere, OCR Space

EDUCATION

Haldia Institute Of Technology   West Bengal, India
Bachelor of Engineering, CGPA 8.47   2024 - 2028
Major in Computer Science Engineering (Data Science)

SKILLS & TOOLS

Hard Skills:
- **Programming Language**: Python, Golang, C
- **Frontend Stack**: HTML, CSS, GraphQL, Web Sockets, Bootstrap, Markdown
- **Backend Stack:** Django, FastAPI, Flask
- **Databases:** MySQL, PostgreSQL, Neon Postgres, Azure Cosmos DB, Azure SQL
- **Data Engineering Stack:** PowerBI, Tableau, PySpark, Snowflake, Databrick
- **Others:** Git, CI/CD, Pytest, Docker, Azure CI/CD, AWS

Soft Skills:
Communication, Problem-solving, Adaptability, Collaboration, Attention to detail, Time management, Resource Management, Quality Analysis, Continuous learning