Dhruvin Chawda

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⌗ Github
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EDUCATION

SHRI RAMDEOBABA COLLEGE OF ENGINEERING AND MANAGEMENT	Nagpur, Maharashtra
Bachelor of Technology in Computer Science (Data Science) | CGPA: 8	Dec 2021 – Jun 2025

WORK EXPERIENCE

SCHNEIDER ELECTRIC

DATA SCIENCE INTERN, ANALYTICS TEAM – SCHNEIDER ELECTRIC INDIA PVT LTD   *Jan 2025 – Aug 2025*

- Completed a 7-month paid Data Science Internship at Schneider Electric, delivering end-to-end solutions across ETL, data analytics, data science and dashboard development for global supply chain planning and manufacturing teams.
- Designed and implemented multiple Tableau dashboards for strategic planning, operational monitoring, and repair process tracking, integrating data from diverse sources via SnapLogic, SSIS, and SQL Server.
- Built optimized SQL views, automated ETL pipelines, and also intelligent LLM-powered SQL query generation tools to enhance data accessibility and decision-making.
- Developed and deployed AWS Lambda functions, and built automated pipelines to transfer data from SQL Server to Amazon S3, enabling efficient cloud storage and integration for downstream analytics.
- Applied advanced analytics, including regression modeling and anomaly detection, to improve operational insights, with several solutions scaled for global adoption.
- Conducted regular on-site plant visits to understand manufacturing workflows, supply chain operations, and real-world challenges, translating these insights into practical data-driven solutions.

UNIVERSITY PROJECTS

SHELDON AND AMY: PERSONALIZED DESKTOP AI VOICE ASSISTANTS | Github

- Engineered AI-driven desktop voice assistants using Python, NLP, and speech recognition libraries. Integrated machine learning models and developed APIs for real-time automation tasks, enhancing system control and task automation.

REAL-TIME SIGN LANGUAGE INTERPRETATION CHROME EXTENSION | Github

- Developed a Chrome extension integrating real-time sign language interpretation for online meetings, leveraging deep learning models for gesture recognition. It processes gestures into text or speech, ensuring accessibility and seamless communication for hearing-impaired users.

DYNAMIC EXCEL FINANCIAL STATISTICS DASHBOARD | Github

- Designed and developed a comprehensive financial dashboard using industry-level advanced visuals and advanced Excel features such as pivot tables, data validation, conditional formatting, and sophisticated chart designs.

TECHNICAL SKILLS

- **Programming Languages:** SQL, Python, C++, HTML5, CSS3, JavaScript.
- **Developer Tools / Technologies**: Tableau, VS Code, Kaggle, PyCharm, GitHub, SSMS, SSIS, PostgreSQL, Mongo DB, JIRA, AWS-Amazon web service, Snaplogic.
- **Libraries/Frameworks:** Streamlit, Numpy, Pandas, Seaborn, Pydantic, BeautifulSoup, Tensorflow, Keras, React Js, etc.
- **Technical Domains :** Machine learning Algorithms, ETL Pipeline automation, DBMS, Operating systems, Computer networks.

CERTIFICATIONS

- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional
- AICTE Data Analytics Virtual Internship
- Goldman Sachs: Excel skills for Business Job Simulation

ACCOMPLISHMENTS & ROLES OF RESPONSIBILITY

- **COMPETITIVE CODING**
  Competitive Coding: 320+ DSA & SQL Questions on Leetcode and **9 Badges** \| 2-star Codechef rating \| 5-star Python, 4-star SQL and C++ on Hackerrank \| **SQL TOP-50 Leetcode Badge** \| Leetcode profile
- **FREELANCE**
  Freelance Projects (PAID) : US Clients \| Work : Financial data analysis using various deep learning models like ARIMA,LSTM etc. And other project included analyzing AI responses based on some criterias.
- **POSITION OF RESPONSIBILITY**
  DASCA – DATA SCIENCE ASSOCIATION (Data Science Branch Official Committee)
  Executive committee member