SIDDHARTH CHEVELLA

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WORK EXPERIENCE

Data Analyst Intern | Futurense Technologies **Jun 2024 - Sep 2024**

• Streamlined data collection and reporting procedures, reducing data gathering time by **30%** and accelerating decision-making

• Collaborated cross-functionally to gather requirements and define project scopes, improving delivery timelines while ensuring alignment with business objectives

• Produced comprehensive reports and presentations summarizing findings and recommendations, leading to a **15%** improvement in stakeholder decision-making speed and facilitating clear communication with key business stakeholders

GitHub repository link: https://l1nq.com/4R2MR

PROJECTS

LinkedIn Post Automation Tool **Feb 2025 - Mar 2025**

• Developed an automated LinkedIn post generation tool that allows users to input a GitHub repository link or a topic, which is then used to generate and post content on their LinkedIn profile

• Integrated **Beautiful Soup** for scraping GitHub/topic data and **Lang Chain** for processing, reducing research time by **85%** before generating polished LinkedIn posts with **Deep Seek R1**

• Automated **5+** manual steps (research, drafting, formatting) into a single workflow, reducing post creation time from **45 minutes** to **under 5 minutes (90% faster)** while enabling **10×** more content output

GitHub repository link: https://encr.pw/6TqKd

Hate Speech Classification **Nov 2024 - Dec 2024**

• Achieved **83%** accuracy in hate speech detection using Scikit-learn and NLTK, with hyperparameter tuning reducing false positives by **22%** compared to baseline models

• Optimized pipeline processed **700K+** samples in **under 5 minutes (2,300+ samples/sec)** through lazy evaluation and batch processing (Polars), reducing memory overhead by **35%**

• Enabled efficient large-scale processing by implementing Gensim memory mapped I/O and NumPy sparse matrices, handling datasets **8×** larger than conventional approaches on equivalent hardware

GitHub repository link: https://l1nq.com/yqNRP

U.S. Pathway Analysis **Jun 2024 - Sep 2024**

• Performed campaign data analysis on a U.S. pathway dataset, analyzing leads generated from LinkedIn, Google, and Facebook campaigns, resulting in a **25%** improvement in lead conversion rate by identifying key trends and insights

• Utilized Pandas for data manipulation, Matplotlib and Seaborn for data visualization, and Power BI for interactive reporting, reducing the time spent on reporting by **30%** and enhancing the clarity of insights presented to stakeholders

• Uncovered actionable trends that helped optimize future marketing strategies, improving campaign targeting by **20%**

GitHub repository link: https://l1nq.com/4R2MR

CERTIFICATIONS

DP - 900: Azure Data Fundamentals **Oct 2024 - Oct 2025**

Microsoft - https://acesse.one/9u5z6

SKILLS

Programming Languages: Python, Java

Frameworks: NLTK**,** LangChain, Hugging Face, PyTorch, Scikit-learn

Soft Skills: Teamwork, People Management, Excellent communication

EDUCATION

Lovely Professional University, Punjab **2022 - Present**

Computer Science Engineering Jalandhar, Punjab

L.F Junior College, Hyderabad **2021 - 2022**

12th with science Hyderabad, Telangana

Narayana High School, Hyderabad **2019 - 2020**

10th with science Hyderabad, Telangana