YOGESH GUPTA

Associate Technology Manager

Dublin 8, Ireland

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PROFILE

Engineer with a foundation in **Electrical and Communications Engineering from IIIT Delhi,** one of Asia's top institutions. Skilled in **data analysis, innovation strategies, and technology management**, with hands-on experience in **data pipelines, API integration, and web scraping**. Currently pursuing an **MSc in Technology and Innovation Management** (1.1 Honors expected) at TU Dublin, while serving as **Class Representative**, **Student faculty representative** for **TUD's school of Business**, member of **Academic quality enhancement committee** and participating in the **TU Dublin Debate Society**, competing in prestigious events like the Irish Times and Earlsfort. Preparing for **Qualified Financial Advisor Levels 1 & 2 exams** and the **PCAP Python Certification**, with certifications in **Entrepreneurship** and **Digital Design** in progress. Seeking roles in Technology and Financial Management to leverage technical expertise and strategic leadership.

TECHNICAL PROFICIENCIES

Programming: Python, pandas, SQL, HTML, CSS, Javascript.
Data Tools: BigQuery, Scrapy, BeautifulSoup, Jupyter Notebook, Numpy.
Business Simulation: ExtendSim.
Cloud Computing: Learning AWS for data storage and cloud-based solutions.
Other Skills: Data cleaning, automation, web scraping, and analysis.

LINKS

❖ Linkedin

https://www.linkedin.com/in/hireyogeshgupta/

❖ Github

https://github.com/yogesh15193?tab=repositories

❖ Certificates

https://www.linkedin.com/in/yogesh-gupta-a9584671/details/certifications/

EMPLOYMENT HISTORY

❖ Backend Developer, Songdew

Feb 2023 — Oct 2023 Gurugram

- Designed and maintained website backend, creating APIs and dashboards that improved user accessibility for 55,000+ artists.
- Automated web scraping and data filtering, increasing database efficiency and reducing manual processing time by ~15%.
- Collaborated with a team of 5 engineers and designers to develop platform features, improving engagement for 100,000+ monthly users.

❖ Data Engineer, Fenixworks Solutions Pvt. Ltd.

Mar 2022 — Feb 2023 Pune

- Improved data quality and reliability, ensuring over 99% data accuracy across thousands of records.
- Led ETL processes, optimizing pipelines to handle datasets exceeding 500GB while reducing processing time by an estimated 20%.
- Constructed web scrapers to collect healthcare data for PagenPage, supporting promotional analysis.

- Engineered scrapers for BossnetRD, enabling data extraction and enrichment for 10,000+ companies, providing actionable investment insights.
- Developed a project using Wikipedia APIs to analyze company similarities, generating strategic decision-making insights.
- Managed data storage and retrieval using BigQuery via Google Cloud, conducting SQL-based deep analysis to uncover critical business insights.
- Streamlined data cleaning and analysis processes using pandas, enabling efficient workflows and data-driven decision-making.
- Facilitated client communication and alignment meetings, ensuring timely delivery of high-quality results.

Associate Software Developer, Sheroes (Manager-abhinav.singh@sheroes.in)
Feb 2021 — Feb 2022
Delhi, India

- Co-developed a content recommendation engine prototype, boosting user engagement and advancing machine learning expertise.
- Facilitated the implementation of an NLP-based sentiment analysis tool, generating actionable insights for content management.
- Built data pipelines using Python (Scrapy, BeautifulSoup) to optimize real-time content strategy.
- Documented workflows and best practices, streamlining team operations and increasing efficiency.

EDUCATION

TU Dublin
Sep 2024 — Present
Dublin

Masters in Technology and Innovation Management

Projects and Learning

- Conducted an innovation audit on 3M's strategies, applying the Pentathlon Framework to assess growth and innovation.
- Gained expertise in Project Management, including Project Charters, Portfolio Management, and execution strategies.
- Completed a data analysis project on the IBM HR Analytics dataset, identifying factors influencing employee attrition.
- Evaluating financial and sustainability metrics for Meta and Flutter, with comparisons to Microsoft for investment recommendations.

IIIT Delhi
Aug 2016 — Jan 2021
New Delhi

Bachelor of Technology

Ambi+ - As part of a BTech at IIIT Delhi, spearheaded **Ambi+**, a research-driven startup project addressing critical gaps in emergency services by developing an algorithm that reduced ambulance response times in Delhi from 25 to 14 minutes. Managed legal contracts, financial planning, and coordinated operations with 70 hospitals in West Delhi. Secured partnerships with major stakeholders such as **MphRx** and IIT Delhi leaders. Earned 12 academic credits, an **A grade**, and invaluable experience in healthcare innovation and startup management.

Additional Academic Achievements - Completed coursework in Microeconomics, Programming, Data Structures and Algorithms, 2G-5G Communications, Signals and Systems, and Mobile Communications, building a robust technical foundation.

Benjamin N Cardozo High School
Feb 2013 — Jun 2014
New York City

High School

In top 100 schools in the US. Achieved 85% aggregate. Participated in the science club and afterschool tutoring program under Mr. Bernard Haggerty. Coursework included US History, Global History, Mathematics, Physics, AP Environmental Science, Health, and English.

REFERENCES

References available upon request