

TANIYA KUMARI

workwithtaniya@gmail.com | [+91-7901862708](tel:+91-7901862708) | [Linkedin](#) | [Github](#) | [Leetcode](#)

Results-driven data engineer with a proven track record in enhancing data infrastructure through automated ETL pipelines and real-time dashboards. Proficient in Python, SQL, and PySpark, achieving a 25% improvement in data accuracy while promoting team autonomy. Strong problem-solving skills support technical expertise in database management and web scraping.

Experience

Stylumia Intelligence Technology | Data Engineer

Jan 2024 - present • Bangalore, Karnataka

- Joined as a Data Engineer Intern (Jan 2024 – Oct 2024) and transitioned to a full-time Data Engineer in Oct 2024.
- Develop and maintain ETL pipelines and data crawlers to support Stylumia's data infrastructure.
- Automated data processes, enhanced validation pipeline **increasing accuracy and efficiency upto 20%**.
- Optimized backend performance by implementing efficient database queries in Elasticsearch, resulting in a 50% reduction in response time.
- Developed real-time data dashboards with minimal response time to enhance team autonomy and reduce cross-team dependencies.
- **Tech Stack:** Pyspark, Java, Python, Scrapy, REST API, Docker, Pyspark, Mysql, Postman, JavaScript, Streamlit, CSS, Low Level Design(LLD)

Bureau of Indian Standards | Research and Development Intern

May 2023 - July 2023 • Noida, Delhi

- Worked under the mentorship of Devansh Deolekar - Scientist D and designed tokenizers by considering all the major Indian languages by exploring various multilingual models like BERT, Indic NLP etc.
- **Published a research paper on "Tokenization of Indian Languages"** and undergoes morphological analysis of languages for effective tokenization.
- **Tech Stack** - Python | NLP | Google Colab

Achievements

- Selected from over 26,000 applicants (**top 2%**) for Google's Women Engineers (WE) program, earning a Google scholarship.
- My team ranked in the **Top 10 in Hackabit 2.0 Hackathon** out of over 700+ participants.
- Institute **Rank 4** at [Geeks For Geeks](#)
- 300+ questions solved at [Leetcode](#)

Projects

LetsStockify | Python, Django, celery, Redis, Web Sockets

- Built a Real time Stock Picker and Tracker Web Application using Django Channels and Web Sockets.
- improved the performance **upto 30% using Multithreading** along with Celery as Task Queue and Redis as Message Broker.

ShopEase - Ecommerce Website | React Js, NodeJS, MongoDB and Express

- Developed a REST API that supports **jwt authentication**, multiple file Uploads, querying database extensively using promises.
- It contains all the required functionalities of a full-fledged E-commerce app like User registration, User Login, Category Add, Edit, Delete, Product Add, Edit, Delete, Add product images, Order creation etc

RhythmAuth | Python, Google colab, Tensorflow, SciPy, Numpy, Pandas

- Created an authentication system using individual ECG signals, enhancing **accuracy by 38%**
- Applied noise reduction and feature extraction techniques, then built a CNN model for reliable user authentication.

Bank Management System | Java, MySQL, Swing, JDBC

- A software application that facilitates the management of a bank operations and transactions. It involves a GUI through which bank employees can interact with the system to perform various tasks related to customer accounts, transactions and administrative functions.

Skills

Languages: Java, JavaScript, Python, c++

Technologies/Frameworks/Libraries: NodeJS, ExpressJS, ReactJS, Django, Scrapy, Elasticsearch, MySQL

Miscellaneous. Data Structures and Algorithms, OOPS, DBMS, OS, Docker, Kubernetes, System Design

Education

Guru Nanak Dev University Regional Campus, Jalandhar,Punjab	2020 - 2024
- B-Tech in Electronics and Computer Engineering CGPA : 8.57 / 10 Relevant Coursework: Design and Analysis of Algorithms, Data Structures, Operating Systems, Database Management System, Computer Networks, Machine Learning,, Software Engineering, Computer Architecture	