Abhishek Sharma

Mumbai, INDIA I+91 9372551383 I [abhissharma2281@gmail.com](mailto:abhissharma2281@gmail.com)

Relevant Links: [Linkedln](https://www.linkedin.com/in/abhishek-sharma-b8619a225/) [IGitHub](https://github.com/abhis12q) IPortfolio

Programming Languages: Python, R, SQL, JavaScript, HTML, CSS

Frameworks: Django, FastAPI, Tensorflow, Keras, scikit-learn, NumPy, Pandas

Technologies: Git, Docker, Linux, AWS, PostgreSQL

EDUCATION

[Sk College of Science and Commerce](https://www.skc.ac.in/default.php) 2019-2022

BSc In Computer Science CGPA: 7.37

WORK EXPERIENCE

360 DigitMg Sep 2023 - Nov 2023

*Data Analyst Intern* Remote, INDIA

* + - Working closely with a team of engineers to accelerate the research process with Al pO\vered workflows
    - Integrated credible sources into the workflow chatbot using RAG, reducing content hallucination by -30%
    - Optimizing knowledge-based algorithms through Pineeone vector embeddings and mind mapping

My Service Aug 2022 – Aug 2023

*Data Operations* Remote, INDIA

* + - Developed a FastAPl-based, multi-process REST AP!, incorporating a user review pipeline to generate testing datasets for model evaluation; showcased for -5,000 members at the Society for Neuroscience conference
    - Improved the search precision of a neurophysiological database platform by -75% with a NLP-driven algorithm using Python, pinpointing datasets for ontological and quantitative queries
    - Automated the completion of missing dataset metadata with information extraction chains, leveraging related DOis
    - Collaborated with renowned research scientists and PhDs to address bugs/issues and discuss features

PROJECTS

Natural Language to UNIX Commands ISource Code I*(Py thon, GPT-4, SQL)* Present

* + - Scripted a CLI tool allowing for natural language to UNIX command conversion ,runnable directly from the terminal
    - Implementing a feature for easily storing, retrieving, and filling custom commaods using natural language

AI-driven Ontological Search UJ at MJT ISource Code I*(Python, FastAPl AWS)* 2023

* + - Developed a unique PoC and full-stack application that effectively isolated semantic search and *Al* model evaluations
    - Recognized by fellow research scientists,PbDs, and SIN members for OSS and reusable model evaluation workflow

A Composite Layering Image Processor ISource Code I*(Java, Swi11g, JU11it)* 2022

* + - Built an image processing iuterface tbat enables users to load, process, alter, and save image data efficient ly via GUI