Abhishek Gupta

in linkedin.com/in/abhishek-gupta-a745221a0/

+91- 8169193145
github.com/Elysian01
hackerrank.com/Elysian01
abhig0209@gmail.com

EXPERIENCE

Infinity Holdings— *Software Developer Part-Time*

May 2021 - October 2021 (Duration: 5 Months)

★ Responsible for the complete back-end development of the website, which mainly includes **creating and maintaining the database and developing APIs in Django** which interacts with the database and external hardware components (fingerprint scanner and card reader).

Nlpbay— *AI/ML Intern*

September 2020 - January 2021 (Duration: 4 Months)

★ **Building AI conversational chatbot using RASA** framework and testing integration of **3rd party APIs**, interaction with RDBMS, and **deployment on social media platforms.**

★ Building a Recommendation system via data mining and integrating it into the chatbot. And lastly **building a chatbot agent-handoff application end to end.**

DShatabdi — *Software Developer Intern*

July 2020 - October 2020 (Duration: 4 Months)

★ Responsible for building a **scraping application** that scrapes real-time stock data of over **6000+ enlisted companies in the Indian stock market in less than 6 minutes.**

★ For strategic analysis of option data, developed **interactive payoff chart desktop application**.

PROJECTS

🔗 CODIFY: Natural Language to Code Generator for Data Science Applications [Paper]

★ Codify enables data scientists to perform all the tedious and time-consuming tasks in the data-science life cycle, by only conveying the logic of the task in natural language (English) and the system will automatically give out all the relevant python code snippets.

★ To achieve this goal we have aggregated and prepared a custom dataset from various online sources, and then tested and compared the performance of various models like **Facebook InferSent, GloVe based word embedding, Semantic Subword Hashing, and TF-IDF model for intent classification**, in which GloVe based word embedding model achieved the **highest accuracy of 88.60%**, and then this model is used in conjunction with the **Named Entity Recognition** model to convert natural language queries to its relevant python code

SKILLS

Languages: *C/C++ and Python.*

Web Components: *PHP7, Flask, HTML5, CSS3, Javascript, Node, Mongodb, MySql, and UI/UX.*

Data Science: *Machine Learning, Deep Learning, Tensorflow, Keras, Sci-kit Learn, and Rasa.*

Tools: *Adobe XD, and git.*

Platforms: *Linux, Windows, Android*

EDUCATION

Fr. Conceicao Rodrigues Institute of Technology, Mumbai   July 2018

B.E - Information Technology

CGPI:- 9.53

Sanpada College of Commerce and Technology, Mumbai   May 2018

HSC

Percentage:- 85.08%

St. Lawrence High School, Mumbai   May 2016

SSC

Percentage:- 84%

ACHIEVEMENTS AND HONORS

★ **Secured 3rd Rank in SE IT for Academic Year 2019-20 and 1st Rank in TE IT for Academic Year 2020-21.**

★ **Acquired 2nd Place in Summer Project Competition FCRIT Vashi for Sign Language Translator.**

★ **Golden Badge in Python, Java, Problem Solving, Statistics, and SQL on Hackerrank.**

★ **Head of Technical Scrutiny Committee** under CSI Department.

snippets.

🔗 Sign-Language-Translator

- ★ Sign Language Translator enables the hearing-impaired user to communicate efficiently in sign language, and the application will translate the same into text/speech.
- ★ The user has to train the model, by recording the sign language gestures and then label the gesture. The user can then use the saved and recorded gestures while speaking to other people.

🔗 Data-Purifier

- ★ Build a Python library for Automated Exploratory Data Analysis, Automated Data Cleaning, and Automated Data Preprocessing For Machine Learning and Natural Language Processing Applications in Python. Currently, it has more than **16000+ downloads.**

🔗 Impulse101 - LifeSaviour

- ★ Flask Based Web App with 5 Machine Learning models including the 10 most common Disease Prediction and Infected Coronavirus predictions with their respective symptoms as inputs.
- ★ The other 3 models are Breast Cancer, Chronic kidney disease, and Heart disease predictions which require medical reports (pdf) or report data as input.