Isha Dagar

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EDUCATION

- **Indira Gandhi Delhi Technical University for Women** — Delhi, India
  Bachelor of Technology in Computer Science and Engineering; CGPA: 8.75 — 2020 - 2024

SKILLS SUMMARY

- **Languages**: Python, C, C++,C, JavaScript, SQL, JAVA, JavaScript, HTML, CSS
- **Frameworks**: Scikit, NLTK, TensorFlow, Keras, React, Flask, NodeJS, Express.js, Bootstrap, MongoDB
- **Tools**: GIT, MySQL, Bitbucket
- **Platforms**: Linux, Web, Windows, AWS, IBM Cloud

EXPERIENCE

- **Atlassian** — remote
  Software Engineer Intern — June 2023 - July 2023
  - **1**: Part of the data engineering team. Contributed to the enhancement of a critical data processing pipeline by reimagining its architecture. The result was a more efficient system that achieved significantly faster processing times, enabling the support of under 30-second use cases.
  - **2**: I was able to make a meaningful impact on the organization's ability to process data rapidly and meet its real-time data handling needs.
- **Anveshan Foundation** — remote
  Research Intern — June 2021 - July 2021
  - **1. Chatbot for helping stressed or anxious people:**: Created project-based course using Unsupervised learning and natural language processing.
  - **2. Creative aspect**: To make the chatbot more interactive and valuable so that the user can fully connect with the chatbot and feel cheered up, I divided it into different categories.
  - **3. Impact**: I covered almost all the aspects of depression, including depression due to work, success, failure, fitness, studies, suicidal tendencies, bullying, and much more, which is very effective for overcoming stress.

PROJECTS

- **Chatbot for helping stressed people(NLP, RNN, LSTM, Machine Learning, Deep Learning)**: Developed a chatbot trained on the dataset containing categories (intents), patterns, and responses. Used a unique recurrent neural network (LSTM) to classify which type the user's message belongs to, and then we would give a random answer from the list of responses.
- **Tank Game (C, Unity)**: Operated the functionalities to create a Tank Game clone where multiple players can participate. Managed the health of the tank after it got shot. I did it in a team of 5 members.
- **Dance Website (HTML, CSS, Bootstrap, NodeJS, MongoDB)**: Built a responsive Website using MERN stack. All the data filled in the form is saved and managed by the backend.
- **Emotions Emoji Predictor(NLP, RNN, LSTM, Machine Learning, Deep Learning)**: Developed a model which predicts emojis according to a given sentence using Deep Learning Models.
- **Database System For Taxi Management(SQL, MySql)**: Created a sample database for taxies to analyze the structure and management of online platforms, reasonably use computer resources, and reduce the labor force to improve the quality of labor. Used MySQL to implement queries to extract the desired outputs.

HONORS AND AWARDS

- Received 50% scholarship from Talent Sprint WE Program Supported by Google, which they gave to the top 200 students out of 27000+ applicants.
- Participated in 30 Days Of Google Cloud which provided hands-on practice on Google Cloud, working on the tools that power apps like Google Search, Gmail, and YouTube. Earned 11 skill badges on qwiklab and won goodies by google cloud for completing both tracks, which they gave to 200 students out of 500+ students.
- Participated in RealityHack'21 by Facebook made filter using SparkAR and won goodies by SparkAR for completing the hackathon, which they gave to 35 out of 200+ students.

VOLUNTEER EXPERIENCE

- **Mentor at Education Mentoring Program by the Govt of NCT Delhi**
  Mentored five senior secondary female students to help them excel in STEM and make them aware of the opportunities.

- **Tnp Coordinator**
  Coordinated with 170+ students and other members of TnP cell and managed the database.

- **Graphic Designer at Rotaract Club Delhi Philanthropists**
  Contributed to the digital illustrations and design of the club. Collected old clothes and donated them. Organized workshops.

- **Blogger**
  Written technical blogs on https://dev.to/ishadagar and https://hashnode.com/@IshaDagar