Karan Koch

Roll No.:200103057
B.Tech - Mechanical Engineering
Indian Institute Of Technology, Guwahati

+91-7578814927
k.koch@iitg.ac.in
karankoch9@gmail.com
Github | Portfolio
linkedin.com/in/karan-koch-929472220

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7.66 (Current)	2020-Present
Senior Secondary	Assam Higher Secondary Education Council	87.4%	2019
Secondary	Board of Secondary Education, Assam	82.5%	2017

PROJECTS

- **Whatsapp Chat Analyser with Sentiments** *Dec. 2021 - Jan. 2022*
  Personal project Github
  - Developed a **Streamlit** web application for analyzing Whatsapp group and personal chats . **Deployed** the whole end to end application on the **Heroku** cloud platform .
  - It gives **sentiment analysis** of group members by using natural language processing **(NLP)** technique .
  - The statistics of overall group or individual group members can be visualised on the app .
  - Tools/Technologies used : **Python , Jupyter Notebook , Visual Studio Code .**
  - **website link**

- **Live Crypto Currency Tracker App** *Jan. 2022 - Feb. 2022*
  Personal project Github
  - Created a web app to get real-time information about crypto currencies from a third-party **API** .
  - The app uses **API** to get its data and shows the current chart of cryptocurrencies .
  - The whole end to end application is **deployed** on **Heroku** and can be accessed from anywhere .
  - Tools/Technologies used: **JavaScript , HTML , CSS , ReactJS , Visual Studio Code .**
  - **website link**

- **Portfolio Website** *Dec. 2021*
  Personal project Github
  - My personal website , contains all my information , skills and project works .
  - It is a static and responsive front-end website **deployed** by using **github-pages** .
  - Tools/Technologies used: **HTML , CSS .**
  - **website link**

TECHNICAL SKILLS

- **Programming Languages::** C , C++, Python
- **Web technologies ::** HTML , CSS , *React Js , Bootstrap
- **Frameworks/Libraries** : Numpy , Pandas , Scikit-learn , Matplotlib , Seaborn
- **Technical**: Datastructures and Algorithm
- **Tools**: Github , Visual Studio Code

* Elementary proficiency

KEY COURSES TAKEN

- **Computer Science**: Introduction to Computing , Computing Laboratory .
- **Mathematics**: Linear algebra , Single variable calculus , Multi variable calculus , Complex analysis , Partial differential equations .

ACHIEVEMENTS

- **3rd position**,Data Analysis Competition by coding club IITG based on IPL datasets . *Oct 2021*
- **Solved 150+**,coding questions on leetcode/codestudio/gfg platforms .

EXTRA CURRICULARS

- **Cricket Club IITG**, Member of the cricket club and in the inter IIT preparation team 2022 .