



Karan Koch

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B.Tech - Mechanical Engineering

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Github | Portfolio

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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 .
- Selected**, in Oil India Super 30 coaching programme for IIT-JEE .

EXTRA CURRICULARS

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