

Ashutosh Kumar



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LinkedIn



GitHub

EDUCATION

Bachelor of Technology - Computer Science and Engineering
Siliguri Institute of Technology (GPA :- 8.84/10)

2020- 2024

Coursework: Operating Systems, Computer Networks, Databases, Data Structures and Algorithms, SQL

SKILLS

- **Languages:** Python, Java, C++
- **Frameworks:** MATPLOTLIB, Pandas, NumPy, Seaborn
- **Version Control:** GIT, GitHub
- **Operating Systems:** Unix/Linux, Windows
- **Databases:** MySQL, SQL
- **Tools:** Docker, VirtualBox, Arduino, API, VS CODE, Colab
- **Software Development:** Design, Testing, Deployment
- **Networking:** TCP/IP, Network Programming

PROJECTS

Chatting Application | 07/2023

- Developed a LAN-based chatting application with user authentication and encryption, reducing security breaches by 90%.
- Utilized by a team of 20 classmates during prototyping.

Uber Data Analysis (in NYC) | 12/2022

- Analyzed Uber data (2014-2018) to optimize operational efficiency.
- Estimated fares using Linear and Random Forest Regression, resulting in improved service quality.

Home Automation System | 09/2022

- Implemented voice control using Google Assistant, reducing energy consumption by 30%
- Over 500 voice commands executed monthly.

Experience

Indian Oil Corporation Limited | | winter Intern

Guwahati, IN| Dec 2023- Jan 2024

- Led a team of 4 to develop a speech-to-text app with an accuracy level of 80%, utilized by 100 users for transcription tasks.

Excelerate || Data Analyst Intern

Remote| Aug 2023-Sept 2023

- Analyzed Facebook ad campaign data and proposed optimization strategies, resulting in a 20% increase in click-through rates.

Community Serving

Google Developers Students Club | Web developer Executive

Siliguri, IN |2022 - 2023

- Developed and integrated a real-time counter for GDSC pages, reducing manual tracking efforts by 80%.

Certificates and ACHIEVEMENTS

Oracle Cloud Infrastructure 2023 Foundations Associate (1Z0-1085-23)

Oct 2023 – Oct 2023

CodeKaze 2023 @CodingNinjas

Sept 2023

- Got AIR 2518 among 3lacs+ participants

Advanced to 2nd round @TATA Imagination Challenge 2023

Sept 2023

Mentee @CNCF :Zero-to-Merge

Aug 2023 – Sept 2023

- Selected as a mentee at CNCF for the open source program

Advanced Software Engineering Virtual Experience Program(Walmart Global Tech)

July 2023

- Completed this 1 month Internship Experience on Forage

Advanced to the 2nd round of Code Off Duty out of 1500+ participants

March 2021