RAUSHAN RAJ

Mobile : +91 9122428601
Email : raushandto358@gmail.com

LinkedIn : iamraushan
Github : raushanraj358

EDUCATION

Indian Institute of Information Technology Allahabad   Prayagraj, Uttarpradesh
B.Tech in Information Technology ; CGPA : 7.17/10   *July 2018 – June 2022*

Shaheed Bhagat Singh Inter College   Japla, Palamu, Jharkhand
Class XII ; Qualifying Board - JAC, Ranchi   *June 2016 – July 2018*

Harvey Sone Valley High School   Japla, Palamu, Jharkhand
Class X ; Qualifying Board - JAC, Ranchi   *April 2014 – May 2016*

PROJECTS

Data Aggregation in Wireless Sensor Networks   **Tech Stack** : Contiki-OS, Cooja Simulator, C

- Implemented data aggregation of packets to reduce the energy consumption and also to optimize the communication overhead.

Product Recommendation System   **Technologies used** : Python, Numpy, Pandas

- Developed a Machine Learning model using content based and item to item based collaborative filtering techniques for recommending products to users.

Cricket Shots Classification using CNN   **Tech Stack** : Python, Tensorflow, Sklearn Library

- Developed a model using CNN to classify input images of different cricket shots into 6 different categories namely Cover Drive, Straight Drive, Cut Shot, Pull Shot, Scoop Shot and Leg Glance.
- Achieved an overall accuracy of 92.2%.

Safarnama, Car Sharing Web App   **Tech Stack** : HTML, CSS, PHP, MySQL

- Grouped together in a team of 5 members and designed the front end part of web application, which allows users to share the ride with another user travelling for a common destination at the same time.

SKILLS

- **Programming Languages** : C, C++, Java(Beginner), Python(Beginner)
- **Relevant Coursework** : Data Structures and Algorithms, Operating Systems, Object Oriented Methodologies, Database Management System
- **Web Technologies**: HTML, CSS, JavaScript, MySQL
- **Tools Used** : Visual Studio Code, IntelliJ, Code Blocks, Netbeans, PyCharm, Latex

ACHIEVEMENTS

- **Global Rank 369** among 12k+ participants in Codechef July Cook-Off (Division 2) 2020.
- **3 star at Codechef , Highest Rating : 1630**

POSITION OF RESPONSIBILITY

Head of Marketing and Sponsorship – Asmita, IIIT Allahabad   Dec 2020 – Present

- Managed funding for the sports fest (Asmita'21) through various sponsorships.

Senior Member – Prayaas, IIIT Allahabad   Feb 2020 – Mar 2021

- An initiative that provides free education to underprivileged students.