

Akash Ramanand Rajak

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🇮🇳 D.O.B. : 22 Nov, 1999

📍 Gujarat, India



EDUCATION

- **SSC**
Gujarat Refinery English Medium School (GREMS)
Percentile : 98.95 Grade : A2
2014 - 2016
- **HSC - Maths, Physics, Chemistry**
Baroda High School, Alkapuri
Percentile : 92.06
2016 - 2018
- **B - Tech Computer Science**
Indian Institute of Information Technology, Kalyani
Sem - 1 : 9.375 CGPA Sem - 5 : 0.000 CGPA
Sem - 2 : 9.167 CGPA Sem - 6 : 0.000 CGPA
Sem - 3 : 8.297 CGPA Sem - 7 : 0.000 CGPA
Sem - 4 : 0.000 CGPA Sem - 8 : 0.000 CGPA
2019 - 2023

COURSES

- **Mathematics**
Linear Algebra, Probability and Statistics, Discrete Mathematics, Calculus and Differential Equation, Numerical Analysis and Computing
- **Computer Science**
Programming with C, Data Structure and Algorithm, Algorithm Analysis and Design, Computer Architecture, Formal Language and Automata Theory, Data Science (Python), Operating System, Object Oriented Programming (JAVA), Scilab, Qtspim
- **Electronics**
Digital Electronics, Analog Electronics, Data Communication, Signals and Systems
- **Others**
Physics, Ethics, Economics, Humanity (Psychology)

LINKS

- [Github](#) [Linkedin](#) [HackerRank](#)
- [CodeChef](#) [Codeforces](#) [LeetCode](#)

PROJECTS

- **CaveManGame**
[\[github.com/Cave-Man-Game\]](https://github.com/AkashRamanandRajak/Cave-Man-Game)
 - An Android based adventurous game app.
 - Used Android Studio as Frontend part and java code and Sqlite database part as backend, and developed a simple android game app.
 - In this we get a chance to play the game of selected level, also have option to play music, can also see the highscore of each level, and many more.
 - + Features used - Java, Android, Sqlite database
- **NegativeDecimalToBinary**
[\[github.com/NegativeDecimaltoBinary\]](https://github.com/AkashRamanandRajak/NegativeDecimaltoBinary)
 - C Program to convert Negative Decimal No. to equivalent Binary No.
 - Tried to convert the negative decimal number and counted for the first 100 negative decimal number and displayed it in .txt file.
 - + Features used - C Language, File Handling
- **Tabular-ML** [\[github.com/Tabular-ML\]](https://github.com/AkashRamanandRajak/Tabular-ML)
 - Built an end-to-end ML system for tabular datasets.
 - Took a sample titanic event dataset and from the tabular dataset predicted the how many childrens,, mens, womens, captains, etc. got rescued and how many died and injured.
 - Used the Python packages like numpy, random, pandas, seaborn, matplotlib.pyplot, etc. and we accordingly trained the data and tested also.
 - + Features used - Python, Jupiter Notebook

SKILLS

- **Programming Languages**
C, C++, Java, Python, HTML, CSS, Scilab, MIPS Assembly Language
- **Technologies**
Dev C++, Pycharm, Jupiter Notebook, Eclipse, Android Studio, Scilab, Qtspim, Git & Github
- **Patterns & Practices**
Object Oriented Programming, Competitive Programming, Machine Learning
- **Languages**
English, Hindi, Gujarati

Events & Participations

- Participated in Google Coding Competition - Hash-Code 2021, CodeJam 2021, KickStart 2021.
- Participated in Devfolio Hackathon HackData 5.0, with project BSM.
- Participated in Code Kaze'21 - Online Coding Competition by Coding Ninjas.
- Participated in Code Frenzy - Online Coding Competition by Coding Ninjas.

Certifications & Awards

- [Code Kaze'21 - Certificate](#)
- [Code Frenzy - Certificate](#)
- [Android Study Jam - Certificate](#)
- [Winter Of Code - Certificate](#)

Interests & Hobbies

- Competitive Programming
- Open Source

EXPERIENCE

- **Student Member of Winter Of Code**
Developer Student Club - IIIT Kalyani
- Mentored by : Omkar Ajnadkar
- Project : Tabular ML (An end-to-end ML system for tabular datasets).
- Participated in Android Study Jam.
JAN 2021 - MAR 2021