

# Akash Ramanand Rajak

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📍 Gujarat, India - 391410



## 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

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- **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, Python (Django)

- **Languages**

English, Hindi, Gujarati

## Events & Participations

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- 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

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

## Interests & Hobbies

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- Competitive Programming
- Open Source

## EXPERIENCE

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- **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*