

# 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      Grade : B1  
2016 - 2018
- **B - Tech Computer Science**  
Indian Institute of Information Technology, Kalyani  
CGPA Till Sem - 4 : 8.88  
2019 - 2023

## SKILLS

- **Programming Languages & Technologies**
  - C, C++, Java, Python, HTML-CSS, Scilab, MIPS
  - Dev C++, Pycharm, Jupiter Notebook, Eclipse, Android Studio, Scilab, Qtspim, Git & Github
- **Patterns & Practices**  
Problem Solving, ML/NLP Model Creation
- **Languages**  
English, Hindi, Gujarati

## EXPERIENCE

- **Software Developer - Intern**  
Exposys Data Labs  
- Project : Built a Secure Messaging application with high security and less time.  
JUL 2021 - Aug 2021 (1 mos)
- **LGM SOC'21 - Open Source Contributor**  
Lets Grow More  
JUN 2021 - AUG 2021 (3 mos)

### Winter Of Code - Student Member

- Developer Student Club - IIIT Kalyani
- Project : Tabular ML (Built an end-to-end ML system for tabular datasets).
- Participated in Android Study Jam.  
JAN 2021 - MAR 2021 (3 mos)

## PROJECTS

- **CaveMan - The Saviour** [\[Github Link\]](#)
  - A 2D physics - based flash game app created using ANDROID STUDIO and with simple graphics.
  - + Features used - Java, Android, Sqlite database
- **Organ-Donors-Prediction** [\[Github Link\]](#)
  - Built a ML MODEL, to analyze the data of donors and predict from that. Analyzed with models like Logistic, Linear, Ridge, Lasso Regression, Decision Tree, Random Forest, K Neighbors, XGBoost Classifier.
  - + Features used - Python(Numpy, Pandas, Seaborn, matplotlib, sklearn), Regression, Classifier, Jupiter Notebook
- **Video Stitching** [\[Github Link\]](#)
  - Built a Video Stitching application with ROW and COLUMN STITCHING.
  - + Features used - Python (tkinter, opencv, moviepy, PIL)
- **Dictionary** [\[Github Link\]](#)
  - Built an English dictionary with AUTO-COMPLETE, TEXT - SPEECH, SPEECH - TEXT, VIRTUAL KEYPAD feature.
  - + Features used - Python (tkinter, pyttsx3, speech recognition, pyaudio)
- **Simple Python IDE** [\[Github Link\]](#)
  - Built a Simple Python IDE using tkinter GUI which runs code, find errors, change themes.
  - + Features used - Python (Tkinter, StringIO)

## COURSES

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- **Mathematics**

Linear Algebra, Probability and Statistics, Discrete Mathematics, Calculus and Differential Equation, Numerical Analysis and Computing

- **Computer Science**

Programming with C, Data Structures 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)

## Interests & Hobbies

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- Competitive Programming
- Open Sourcing

## LINKS

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

## Events & Participations

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- Google Coding Competition - HashCode 2021, CodeJam 2021, KickStart 2021.
- Devfolio Hackathon HackData 5.0, with project BSM.
- Code Kaze'21, Code Frenzy - Online Coding Competition by Coding Ninjas.
- Codacharya 2021 - Coding Competition organized by IIIT Kalyani.

## Certifications & Awards

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- Codacharya 2021 - 2nd Prize Winner
- [Code Kaze'21](#) | [Code Frenzy](#)
- [Android Study Jam](#) | [Winter Of Code](#)