

# Gourab Das

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## Education

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- Ramakrishna Mission Vidyamandira - University of Calcutta** Aug 2024 – present  
*M.Sc in Computer Science*
- **Skills:** Developing Algorithms, MATLAB, AI, Python.
- Atma Ram Sanatan Dharma College - University of Delhi** Sept 2020 – Jun 2023  
*B.Sc in Computer Science*
- **CGPA:** 9.23/10 ([Mark-sheet](#) [🔗](#))
  - **Awards:** First Rank Holder. ([Certificate](#) [🔗](#))
  - **Skills:** Data Structure, Algorithms, Python, Problem solving.
- Ramakrishna Mission Vidyapith, Deoghar - CBSE** Apr 2018 – Mar 2020  
*Senior Secondary - Science*
- **Percentage:** 96.2 ([Marks-sheet](#) [🔗](#))
  - **Awards:** Best Leadership Award of School. ([Certificate](#) [🔗](#))
  - **Skills:** Leadership, organizing events.
- Sarada Vidya Mandir, Raiganj - CBSE** Apr 2009 – Mar 2018  
*Senior Secondary - Science*
- **Percentage:** 93.8 ([Marks-sheet](#) [🔗](#))

## Projects

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- UAV authentication using Elliptic Curve Cryptography and Blockchain** 2024
- Developed a robust and novice authentication algorithm for UAVs in space using Blockchain and Elliptic Curve Cryptography. It made the communication between GCS and the UAV secure and the message was tamper proof.
  - Tools used: MATLAB, IPFS.
- INSTANTMED** [github](#) [🔗](#)
- Developed a web-based application to order medicines. This project aims to bridge and establish a link between local stores and consumers.
  - Tools used: HTML, CSS, JavaScript.
- Train Announcement System** 2017
- Developed an interactive python GUI interface to manage different announcements for a Train Station. It aims at automating the process of announcements with recorded simple voices.
  - Tools Used: Python, Tkinter.

## Experience

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- PixElation - The Photography Society of ARSD.** ([Certificate](#) [🔗](#)) 2021 - 2023
- Served as the **Public Relations Head** in PixElation, contributed to organizing Society Fest, NAAC visit, College Fest, Photo walks and Photography Sessions.

## Achievements


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- Winner - The Turing Show. (Perceptron, RKMVERI)** ([Cert.](#) [🔗](#)) 2025
- Applied problem solving and optimization skills to win the **Coding Competition** organized by Ramakrishna Mission Vivekananda Educational and Research Institute (RKMVERI) Tech-fest.

## Skills

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**Languages:** Python, C++, HTML, R, SQL, CSS.

**Technologies:** IPFS, Blockchain, MATLAB.

**HackerRank:** 5 ★ Problem Solving & Python ([Profile](#) )