

Anay Roy

3rd Year Undergraduate
Department of Computer Science and Engineering

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Academic Qualifications

Year	Degree/Certificate	Institute	CPI/%
2021 - Present	B.Tech	Kalinga Institute of Industrial Technology	8.2/10
2019	CBSE(XII)	Divya Bhaskar Public School	87%
2017	CBSE(X)	Mount Litera Zee School, Ara	84.2%

Achievements

- Contributed in **Google Code-In** in **2017** and received various goodies from **google**.
- Received the **Best coder award** for winning coding contest held in school
- Got shortlisted for **Smart India Hackathon's** internal hackathon round

Key Projects

- Password Manager using hashing and slashing** (Oct'30 2020)
 - An application that uses **hashing** and **encoding** for generating a random password.
 - Successfully implemented the **SHA-256** algorithm.
 - Designed in such a way that for a particular **website** with a **unique key** it will always generate the same password.
 - Data breach issue is completely resolved
- NSE telegram bot** (Aug'07 2021)
 - A telegram bot implemented in **python** and for Providing the basic information about a particular stock listed in **National Stock Exchange**
 - Provides all the basic information for example **current price**, **52 weeks high**, **52 weeks low**, **RSI** and **many more**.
 - Deployed on **heroku**.
- Disaster rescue agencies collaboration platform** (Sep'21 - Ongoing)
 - An application under which all **rescue agencies** are registered and which can display the location of other rescue relief agencies during natural/ man made calamities
 - Contains a **central database** where all rescue agencies can register their information, including their location, contact details, and areas of expertise.
 - Includes a **map** that shows the locations of all registered rescue agencies, along with **filters** that allow users to narrow down the results based on specific criteria, such as the type of disaster, the resources available, or the time since the last reported activity. In addition it also display the locations of rescue agencies.
 - The application also includes features for **communication** and **collaboration**.

Technical Skills

- Programming Languages:** C, C++, HTML, L^AT_EX, MATLAB, Python, Java, Dart, Solidity
- Software and Libraries:** MongoDB, Git, Micro-Cap , mySQL, Android studio, Flutter, Excel, Tableau
- Technologies:** Blockchain

Certificates

- CS50: Introduction to Computer Science** (100/100)
 - An on-campus and online introductory course on computer science taught at **Harvard University and Yale University**.
- Programming for Everybody (Getting Started with Python)** (99.08/100)
 - A course provided by **University of Michigan**, providing the basic knowledge about python.

Extra-Curricular Activities

- Participated in Model United Nations(MUN) several times.
- Participated in Hacktoberfest(2021).
- Participated in Smart India Hackathon(2023).
- Participated in various sports event organized by **school** and **college**.