

# Aditya Ratnaker

☎ +91 9671439606

✉ ratnakeraditya04@gmail.com

✉ aditya.ratnaker@iiitg.ac.in

🌐 Aditya Ratnaker

🔗 ratnakeraditya04

## EDUCATION

### IIIT Guwahati

BTech. in Computer Science  
Exp. Graduation - May 2024

### Dyal Singh Public School

Karnal - June 2020  
Intermediate - CBSE  
Result - 95.60% Secured  
Achieved 2nd position in school.

### Dyal Singh Public School

Karnal - May 2018  
Matriculation - CBSE  
Result - 95.67% Secured  
Achieved 3rd position in school.

## CODING PROFILES

- ✉ LeetCode : ratnakeraditya04
- ✉ GeeksforGeeks : ratnakeraditya04
- ✉ CodeStudio : red\_phoenix\_04
- ✉ CodeChef : red\_phoenix\_04
- ✉ CodeForces: blacktornado

## TECHNICAL SKILLS

### Programming Languages:

C, C++, JavaScript, Bash,  
Python(Basic), Solidity

### Frontend Development:

HTML, CSS, Bootstrap

### Backend Development:

Node.js, Express.js

### Tools:

Git, GitHub, AWS,  
Remix IDE, VS Code

### Databases:

MongoDB, SQL

### Knowledge:

DSA, OOPS, DBMS, OS, CN

## HOBBIES

Quizzing, Cycling and Playing  
Badminton

## EXPERIENCE

### Prashnatantra - Quiz Club

Active Volunteer

March 2022 – October 2022

IIIT Guwahati

- Crafted engaging college event quiz questions, garnering positive feedback; also contributed to event organization.

### Yuvaan - Annual Cultural Fest of IIITG

Core Team Member - Public Relations

December 2022 – March 2023

IIIT Guwahati

- Collaborated closely with artists, performers, and a cross-functional team of 4, ensuring flawless event experiences and fostering effective communication.

## PROJECTS

### Aashraya - A Decentralised Application

🔗 GitHub Link

Tech Stack: Solidity, JavaScript, ReactJs, NodeJs, Hardhat

- An innovative **blockchain-based Real Estate Management System**, enhancing transparency and efficiency in property transactions through **Ethereum Smart Contracts and NFT integration**.
- **Implemented NFTs** for secure property ownership, optimizing real estate processes and reducing intermediary reliance.

### BankWiz - An Online Banking Application

🔗 GitHub Link

Tech Stack: HandleBars, CSS, JavaScript, NodeJs, MongoDB

- **Spearheaded BankWiz**, an online banking application, offering secure authentication, core banking functions and loan processing.
- Utilized **Spiral SDLC** to iteratively improve BankWiz, creating a user-focused platform with **multi-layer security, efficient transactions, and an intuitive UI/UX**.

### Rainfall Prediction using ML

🔗 GitHub Link

Tech Stack: Python, Jupyter Notebook

- Predicted rainfall with **85% accuracy** using supervised algorithms: Random Forest, Decision Tree, ANN, and Linear Regression.

### Sibling Conflict Resolver

🔗 GitHub Page

Tech Stack: HTML, CSS, JavaScript, DOM Manipulation

- Addressing **sibling disputes** through a dice game **inspired by real-life conflicts**.

## CERTIFICATIONS AND ACHIEVEMENTS

- Completed **5 LinkedIn Learning courses**, including Linux, Shell Scripting, and Blockchain.
- Finished in **Top 70 in Coding Ninjas Founders Challenge** - 2023.
- Finished **121st out of 39,259 registrations** in **OQF - Online Quizzing Festival - 2023** organized by Unstop.
- Ranked **276 globally on Unstop**, in the **top 0.1%**.