



# Hardik Roongta

Roll No.:210102036

B.Tech - Electronics and Communication Engineering

Indian Institute of Technology, Guwahati

+91-9783996255

hardikroongta8@gmail.com

r.hardik@iitg.ac.in

github.com/hardikroongta8

linkedin.com/in/hardikroongta8

## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. Major	Indian Institute of Technology, Guwahati	7.60 (Current)	2021-Present
Senior Secondary	CBSE	83.6%	2021
Secondary	CBSE	94.8%	2019

## EXPERIENCE

- Wishtales** Mar 2024 - Aug 2024  
*Software Development Intern* Remote
  - Developed the UI for a children's content generation app, enabling users to create and upload chapter-wise videos based on provided descriptions of story, characters, and genres.
  - Built an encrypted download feature, allowing users to securely download videos for offline streaming. This ensures videos are stored locally in an encrypted format, safeguarding against unauthorized access and piracy.

## PROJECTS

- College Matchmaking Application** Oct. 2023 - Jan. 2024  
*Students' Web Committee, IIT Guwahati* [bit.ly/cupid-playstore](https://bit.ly/cupid-playstore) | [bit.ly/cupid-github](https://bit.ly/cupid-github)
  - Developed a fully encrypted matchmaking application with over **1500 users**, and over **150 matches** in the first week.
  - Utilizing algorithms such as **Diffie-Hellman Key Exchange** and the **AES Encryption algorithm**, the app employs advanced security measures to identify matches and ensure a zero-trust server environment.
  - Used **Flutter** for frontend, **Node.js** and **MongoDB** for backend, and **Docker** for deployment.
- A Restaurant Delivery/Takeout Application** Jan. 2023 - Feb. 2023  
*Bronze medal - Inter Hostel Tech Meet (Kriti' 23)* [Github](#)
  - A **Flutter** based mobile application (with both Restaurant and Customer side) for campus eateries with features like **Online payment**, order history, search, **Phone** and **Google authentication**, QR code for order verification and restaurant filters (currently open, top picks).
  - Implemented authentication (for both customer and restaurant), integrated the payment gateway and also handled API integration.
  - Used **Firebase** for authentication, **Razorpay API** for payment gateway, **Node.js** and **MongoDB** for backend.
- Institute Room Booking System** May 2023 - Jul. 2023  
*Students' Web Committee, IIT Guwahati* [Github](#)
  - A feature for **OneStop** (IITG campus app, used by **5000+** campus students) that enables users to easily reserve institute rooms for club meetings, events and other activities.
  - Integrated the API, developed the UI for various screens.
  - Used **Flutter** for app development, **Node.js** and **MongoDB** for backend development.

## TECHNICAL SKILLS

- Programming:** C/C++, Dart, JavaScript, Python\*
  - App Technologies:** Flutter
  - Web Technologies:** Node.js, Socket.IO, React.js\*
  - Database Management:** MongoDB, PostgreSQL\*
  - Miscellaneous:** Firebase, Git, Docker
- \* Elementary proficiency

## KEY COURSES TAKEN

- Mathematics:** Linear Algebra, Basic Calculus, Probability and Random Processes
- Computer Science:** Introduction to Computing (Lab + Theory), Computer Networks, Data Structures and Algorithms
- Miscellaneous:** Blockchain, Pattern Recognition and Machine Learning \* Ongoing

## POSITIONS OF RESPONSIBILITY

- App Team Lead, Students' Web Committee, IIT Guwahati** 2024
  - Led a team of 15 app developers, collaborating with UI designers, product managers, and web developers to maintain the IITG Campus App, OneStop.
  - Managed project timelines, facilitated stakeholder collaboration, and provided technical guidance for the Mobile App for ICRAGEE conference organized by the Civil Department of IITG.

## ACHIEVEMENTS

- JEE Advanced 2021**, secured AIR 1540 among 0.14 million students. 2021
- JEE Main 2021**, secured AIR 2587 among 0.9 million students. 2021