



# Lakshay

Roll No.:200104049

B.Tech - Civil Engineering

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Indian Institute of Technology, Guwahati	8.36 (Current)	2020-Present
Senior Secondary	CBSE Board	89.2%	2020
Secondary	CBSE Board	94.33%	2018

## EXPERIENCE

- **OK2 Health Apps (India) Pvt. Ltd.** May 2023 - July 2023  
*Software Developer intern*
  - Made significant contributions to the integration of **Service Worker (Google Workbox)** technology across various company projects, optimizing offline functionality, overall performance, and **caching** strategies.
  - Led the creation of an advanced chess bot, utilizing cutting-edge algorithms to elevate gameplay.
  - Actively participated in multiple projects, showcasing exceptional proficiency in **Flutter**, **GoLang**, **DRPC**, and **SQLite**, while also improving **SEO**, implementing **wasm fingerprinting**, and collaborating with **JavaScript bundlers**.
- **Evy Energy Pvt. Ltd.** May 2022 - July 2022  
*App Developer intern* Google Play
  - Enhanced user experience through engaging **onboarding** and **verification screens**, boosting user engagement.
  - Revamped critical app features like **charger point management**, **payment processing**, and **session history tracking**.
  - Pioneered a pre-booking screen for users to **reserve charging sessions** across multiple stations with ease.

## PROJECTS

- **Explore IITG** Jan. 2023 - Feb. 2023  
*Kriti'23 (High Prep), IIT Guwahati* Github | User Research
  - An app for local residents and shop owners to view menus, **buy/sell products**, and place orders instantly.
  - Ensured secure onboarding with **OTP-based authentication**. Integrated **UPI payment** for seamless transactions.
  - **Key Features:** Real-time shop status, menus, user/shop order/revenue history, shop customisation.
- **Chatbox - Automated ChatBot** May. 2022 - June. 2022  
*Coding Club, IIT Guwahati* Github
  - Built a **real-time chat application** using Flutter and Firebase in which two users can chat in realtime.
  - App also includes a **chatbot** which will generate **smart replies** to the user's message.
  - Users can make new friends by searching through **search bar** and sending them **friend requests**.
- **Meeting Platform** June. 2022 - July. 2022  
*Coding Club, IIT Guwahati* Github
  - Developed a **Meeting Platform** which had features like **real-time** chat and video.
  - Used **Socket.IO** for connecting to other meeting participant.
  - **Key Features:** Google authentication, Screen Sharing and File Sharing features.

## TECHNICAL SKILLS

- **Programming languages:** C/C++, Dart, GoLang, Rust\*, Python\*
- **App and Web Technologies:** HTML, CSS, Flutter, JavaScript, NodeJS, ExpressJS, Tauri
- **Databases:** Google Firebase, Supabase, SQLite, MySQL

\* Elementary proficiency

## ACHIEVEMENTS & EXTRA CURRICULAR

- **Hacktoberfest'22:** Successfully completed Hacktoberfest 2022 by contributing to **opensource projects**.
- **CodeChef:** Achieved a maximum rating of **1811 (4-star)** (handle: bolt\_23).
- **Leetcode:** Achieved a maximum rating of **1719** (handle: TESLA\_2402).
- **CodeChef SEPT21LT:** Secured **global rank 191** out of over 7,000 participants.
- **Jee Advanced 2020:** Secured All India Rank **6117** among 0.17 million candidates appearing for the test.
- **Flutter supabase hackathon'23:** Submission (*github*) got featured on **supabase official webpage**.
- **Kriti'23:** Secured **4th** position in the software development problem statement (high prep).
- **Spardha'22:** Secured **4th** position in **chess** tournament.

## KEY COURSES TAKEN

- **Mathematics:** Linear Algebra, Basic Calculus, Real Analysis, Complex Analysis, Partial differential equations
- **Programming:** Data Structure and Algorithms
- **Android Development:** Flutter Development Course

## POSITIONS OF RESPONSIBILITY

- **App Developer**, Students web committee, IIT Guwahati Session 2022 - 2023
  - Worked on development of different features with team to build and launch campus application (OneStop) for IITG students.
- **Coordinator**, Coding Club, IIT Guwahati Session 2021 - 2022
  - Conducted **Code Peak'21**, a month-long Open Source programme aimed for beginners, which got more than 2k participation and 4k PR's. Contributed and mentored a project i.e., **Automated ChatBot** in **Even Semester Projects 2022** released by the club.