

# Kunal Pal

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Indian Institute of Technology, Guwahati	7.69 (Current)	2020-Present
Senior Secondary	CBSE Board	97.4%	2020
Secondary	CBSE Board	97.2%	2018

## EXPERIENCE

- I'mbesideyou Inc. Japan** May. 2023 - July. 2023  
*Software Engineer Internship* [bit.ly/iby-Intern](https://bit.ly/iby-Intern)
  - Developed a therapist consulting MVP to connect with clients for meetings, tasks, info management, & therapy analysis.
  - Implemented frontend components in **React.js** and **Redux Toolkit**, and contributed **40%** components in design system.
  - Designed schema for Therapist Side & implemented APIs in **AWS Lambda** & **AWS RDS**, completed integration with frontend.
- Evy Energy Pvt Ltd.** Jan. 2022 - Feb. 2022  
*Frontend Flutter intern* [bit.ly/evy-intern](https://bit.ly/evy-intern)
  - Developed features in mobile application for EV drivers locate charging stations, trip planning, charging station management.
  - Revamped EV charging stations locating screen using **Google Maps SDK** for map view, **decreasing rendering time by 250%**.
  - Implemented station booking screen in **Flutter**, resolved over **15** UI issues, leading to improved overall app performance.

## PROJECTS

- OneStop: IIT Guwahati student mobile application** Apr. 2022 - Present  
*Project Lead : Students' Web Committee* [bit.ly/onestop-play](https://bit.ly/onestop-play) | [bit.ly/onestop-github](https://bit.ly/onestop-github)
  - Led development of student-centric mobile application, assisting in daily challenges and enhancing essential utilities.
  - 7000+** monthly active users and **3000+** daily active users, is developed using **Flutter**, **Express.js** & **MongoDB** techstack.
  - App features include Academic Timetable, Lost/Found & Buy/Sell, Cab Sharing, Bus/Ferry Timings, Contacts and more.
  - Leading a team of **10** to develop new features following **agile** practices and **code reviews** for building the app, backend codebase.
- ShopAI: Conversational Outfit Recommender** Aug. 2023  
*Flipkart Grid 5.0 Semi-Finals* [bit.ly/shopai-demo](https://bit.ly/shopai-demo) | [bit.ly/shopai-github](https://bit.ly/shopai-github)
  - Developed a solution to recommend fashion outfits from Flipkart based on latest trends, instructions, budget, cart history.
  - Fine tuned **ChatGPT-3.5-turbo API**'s prompt for conversation & recommendations, developed backend APIs using **FastAPI**.
  - Web interface developed using **React.js** and integrated **Whatsapp bot** using **Twilio**'s Messaging API for solution expansion.
- ElectWise: Election conduction Web3 Dapp** Jun. 2022  
*Personal Project* [bit.ly/elect-github](https://bit.ly/elect-github)
  - Developed a web3 website for conducting secure elections on **Ethereum blockchain** network with user & admin side views.
  - Election voting occurs in set time-frame and afterwards, Result/Statistics are declared. User votes are stored on blockchain.
  - Implemented frontend in **React.js**, middlewares using **Express.js** & **MongoDB** and **Solidity** for writing smart contract.

## ACHIEVEMENTS

- Codechef Snackdown 2021 online round 1B:** Achieved **115** rank out of 6500+ participants.
- Yandex Cup 2022:** Qualified for **World Finals** of Yandex Cup 2022 with global rank **536**.
- Codeforces:** Global rank **605** in round 828 and **632** in round 874 and max. rated **1464** (Specialist), handle: [DarkLord\\_20](https://codeforces.com/profile/DarkLord_20).
- Google Farewell Round A 2023:** Achieved **1101** world rank among 8100+ participants.
- Google Kickstart round G 2022:** Achieved **1509** world rank among 12000+ participants.
- Meta Hackercup 2022:** Secured world rank **1613** among 27000+ participants in round 2 and won hackercup t-shirt.
- MLH Prep Fellowship:** Got selected for October 2022 batch. Fellowship acceptance rate: **2.5%**
- NDA 2020:** Shortlisted for 5 day SSB Interview among **4,00,000** candidates through written exam.

## KEY COURSES TAKEN

- Introduction To Computing • Database Management System • Operating System • Computer networks • Deep Learning

## TECHNICAL SKILLS

**Languages:** C/C++, Dart, JavaScript, Solidity\*, Python      **Databases:** Cloud Firestore, MongoDB, MySQL  
**Frontend:** HTML, CSS, Flutter, React.js, Next.js\*      **Backend:** Node.js, Express.js, FastAPI  
**Cloud Technologies:** Docker, Github Actions\*, Firebase, AWS\*      **Miscellaneous:** Git, Linux, Figma\*      \* Elementary proficiency

## POSITION OF RESPONSIBILITY & EXTRACURRICULAR

- General Secretary, Students' Web Committee, SGC 2023-24 IIT Guwahati:** Led a multi-tiered team consisting of 16 core members, 40 developers, 6 UI/UX designers, and 6 product managers. Oversaw the development of products such as the Placement Portal and OneStop, along with the maintenance of administrative websites like SA and HAB Portal
- SWC HackStack 2023:** Organised workshops for React.js, Node.js, Flutter, UI/UX Design with **800+** participants.