

# SIDDHANT RAI

GitHub : [github.com/siddhantt](https://github.com/siddhantt)

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## EDUCATION

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- **Indian Institute of Information Technology Design and Manufacturing** Jabalpur, India  
*B.Tech in Electronics and Communication Engineering (ECE); CPI : 8.5/10* Nov. 2020 — April. 2024

## TECHNICAL SKILLS

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- **Languages:** C/C++, Python, Javascript, SQL
- **Databases:** MySQL, MongoDB, Neo4j, PostgreSQL
- **Frameworks:** Next.js, React.js, React Native, Vue.js, Express, Node.js, Flask, Tailwind
- **Operating Systems:** Windows, Linux
- **Other:** HTML, CSS, Git, Bash, Firebase, OS fundamentals, Data Structures and Algorithms, Computer Networks, Database Management System, Postman, AWS, Docker, Redis, JWT

## EXPERIENCE

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- **PropReturns (YC S21)**  
*Full Stack Engineer Intern* April 2023 - June 2023
  - **Stack:** Next.js, Bit, AWS
  - **Application:** Created a UI library of 30+ atomic components using bit.dev for component management and collaboration
  - **Architecture:** Deployed the library on an AWS EC2 instance, leveraging cloud infrastructure to achieve high accessibility and optimal performance
  - **Other:** Implemented SEO optimization techniques to improve Largest Contentful Paint (LCP) metrics, enhancing website loading speed, user experience, and visual appeal
- **Pinch Finance**  
*Full Stack Intern* June 2022 - November 2022
  - **Stack:** React Native, Node.js, Express, PostgreSQL
  - **Application:** Worked in a cross-functional team of 6 on a micro-investing app called PinchApp
  - **Workflow:** Worked on 4-layer architecture on the backend with respect to provided LLD and workflow
  - **APIs:** Translated wireframe designs into functional web-apps and created 20+ RESTful services
  - **Screens:** Developed the frontend of the app using React Native and added 8 screens for transactions, investments, etc. and helped reduce page loading time by 21%

## PROJECTS

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- **BookMyBus:** *React Native, Node.js*  
Developed an Android app for institute bus ticket booking and related services  
Implemented real-time updates for ticket availability, schedules, and seat reservations  
Firebase authentication leading to a 25% increase in registered users and improved customer engagement  
Leveraged 5+ RazorPay APIs to enable seamless payment processing
- **BlogIn:** *Next.js, TypeScript, Tailwind CSS*  
Engineered a responsive Next.js blog site with Auth0 and Drizzle, for markdown-based content creation  
PostgreSQL for efficient data management, enhancing the platform's reliability
- **CovidTracker:** *React.js, Node.js, Tailwind CSS, Material UI*  
A full-stack MERN web-app which provides latest stats and updates regarding Covid - 19  
Dashboard to track statistics, country-wise list and custom-date stats from last 30 days  
Utilised Chart.js for data visualization, resulting in a 30% improvement in data comprehension

## ACHIEVEMENTS

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Secured a global rank of **1650** in Google Farewell 2023 Round A

**Knight** on **LeetCode** with **2040+** contest rating, having solved 600+ DSA problems

**Hacktoberfest** 2022 challenge completed with 5 accepted PRs

Approval for the proposed solution in the **Medusa** 2022 inaugural hackathon