# DIPANKAR CHOWDHURY

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- **Github :** https://github.com/incodi404

## SUMMARY

A well skilled software engineer with great knowledge of full stack development. Have strong knowledge in core Javascript with solid understanding of MERN Stack. A computer science student with strong knowledge in DSA, SDLC, DBMS, Networking, OS etc. Write production grade code with best practices.

## ACADEMIC DETAILS

| Degree | College | Year | Status | Last Sem GPA |
|---|---|---|---|---|
| Bachelor's in Computer Science(Hons.) | Siliguri College | 2021-2024 | Appearing | 8.2 |

| Exam | School | Board | Passed Year | Percentage |
|---|---|---|---|---|
| Higher Secondary(12th) | Siliguri Boys High School | WBCHSE | 2021 | 88% |
| Madhyamik(10th) | Siliguri Boys High School | WBBSE | 2019 | 77% |

## SKILLS

| Programming Languages | Javascript, Python |
|---|---|
| Frontend | React JS, Redux, Chart.js, HTML, CSS |

| | |
|---|---|
| **Backend** | Node JS, Express JS, Flask |
| **Databases** | MongoDB, SQL, Redis |
| **UI Libraries** | Tailwind CSS, Bootstrap, Shadcn |
| **DevOps** | Docker |
| **Others** | System Designing, Linux, Vercel, Cloudinary, JWT, OAuth 2.0, IoT, Progressive Web App, Postman, Web Security, Multer |
| **Version Control** | Git & Github |
| **Soft Skills** | Critical Thinking, Problem Solving, Team Work, Continuous Learning |

## PROJECTS

- **Rentify |** https://rentify-beige.vercel.app/ | May, 2024

  ● Allows creation, reading, updating, and deletion of posts.
  ● Aggregation Pipeline for using data efficiently.
  ● JWT and email verification for secure authentication.
  ● Different features for buyer and seller.
  ● Sending emails for buyer and seller information sharing.
  ● User friendly UI with React JS 18, Shadcn and Tailwind CSS. Axios for API handling, Redux for state management.
  ● **MongoDB, Express JS, React JS, Node JS, Redis, Docker.**

- **Colfessions |** https://github.com/incodi404/colfessions **|** April,2924 - Ongoing

  ● Allows creation, reading, updating, and deletion of posts and comments without revealing identity.
  ● Wrote 20+ APIs.
  ● Complex Aggregation Pipeline to use data more efficiently.
  ● Implemented OAuth 2.0 with Passport.js for secure authentication.
  ● For cache memory, the Redis database is used.
  ● Used React JS version 18 in frontend. And Redux for state management, Axios for API handling. Shadcn for UI.
  ● **MongoDB, Express JS, React JS, Node JS, Redis, Docker.**

## INTERNSHIP

- **Frontend Developer Intern at Groveus Informatics Pvt Ltd | Sept, 2022 to Dec, 2024**
  - Developed frontend of a Trading App | Tech Stack - React JS, Ionic, Typescript
  - Developed 3+ websites from scratch.

## ACHIEVEMENTS

- Published an independent research paper in the International Research Journal of Engineering and Technology, Volume 11 on **IoT and Automation based Smart Urban Agriculture** in March, 2024.
- Secured 2nd position in NITO Science Model Exhibition among 40+ colleges by building **IoT and Automation based Smart Hydroponics**.

## ADDITIONAL INFORMATIONS

- **Citizenship :** Indian
- **Adhar Number :** 6633-0720-1511
- **Languages :** English, Hindi, Bengali
- **Date of Birth :** 11-06-2003