

Ankan Pal

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EDUCATION

Institute of Engineering and Management

Kolkata, India

Bachelor of Technology in Computer Science, Secured an aggregate of 9.51 CGPA Aug. 2019 – July 2023 (Expected)

EXPERIENCE

Kylo Apps

June 2022 – Aug 2022

Software Development Engineer Intern

Remote

- Worked on the backend of a **doctor consultation** app which allows the patients to book slots for online doctor **consultations**, provides **ambulance services** for hospitals and and **pharmacy** to buy pharmaceutical drugs.
- Integrated **Google calendar API** using oauth2.0 protocol to enable online **slot bookings** and designed and developed various **features** by backend APIs using **NodeJS**, thereby increasing monthly user visits by **20 percent**
- **End to end product development and deployment** after implementing **Rate Limiting** functionality to the server to support **100+requests/second** ,which also helps to prevent **DoS attacks** and **web scraping**.

Daphnis Labs

Feb 2022 – March 2022

Software Developer Intern

Remote

- Worked on the backend of an **agro trading** web application where the buyer can submit their **enquiry** about a product,seller can participate in the **negotiation process** over a **120 minute time frame** before the buyer places the order by **designing and developing** backend systems and APIs making it a lot **more scalable**.
- Integrated **Razorpay payment gateway** from scratch which had a direct impact on the **first 10k users** enabling a very **smooth transaction** experience between buyer and seller.

PROJECTS

FireFlash 🔥 | React, Node.js, MongoDB, Express.js

Nov 2020 – Dec 2020

- A **full stack** web application consisting of **all major functions** of a social media similar to **Instagram**.
- It also includes **user authentication** which is implemented using **JSON web token**.

Realtime Chat Application 🔥 | React, Node.js, Socket.io

Dec 2020 – Jan 2021

- A Chat application in which users can enter into any room of their **choice** and chat with the other room members **realtime**.
- It also shows the **online** visibility of every user. Socket.io module was used for **instantaneous bi-directional data transfer**.

ACHIEVEMENTS

- Stood **300th** out of **35000** in Codechef October Long Challenge
- Solved **700+** problems on Data Structures and Algorithms at **Leetcode**
- Got a rank of **55** out of **10000** in IEMCO Coding Olympiad.
- Got a rank of **78** out of **6000** in **Local Hack Day Share** , an **MLH** hackathon.

SKILLS

- **Data Structures and Algorithms (Programming Languages)** : C,C++ and Java
- **Web development** : React.js, Node.js, JavaScript, MongoDB, CSS, HTML
- **Developer Tools and Technologies** : Github,Firebase,Git,VsCode,Eclipse
- **Computer Science Fundamentals** : Operating System , Database Management System , OOPs

POSITION OF RESPONSIBILITY

- **Codechef IEMK Chapter** : Core Committee Member. I have solved various questions of Competitive Coding
- **EddieHub** : Core Team Member of a community which promotes open source contributions.