Ananyobrata Pal

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Linkedin | GitHub | LeetCode | Portfolio

EDUCATION

NETAJI SUBHASH ENGINEERING COLLEGE   2020 - 2024
Bachelor of Technology Computer Science and Engineering   Kolkata, India
CGPA: 9.96

EXPERIENCE

HJ INFOTECH | Full Stack Developer   Remote | July 2022 – September 2022
- Built the company landing website, deployed using Microsoft Azure
- Increased the website reach by 80% using Search Engine Optimisation (SEO).
  Tech Used: TailwindCSS, WordPress, Azure Pipelines, SemRush

SKILLS

- **Programming Languages:** Python, TypeScript, JavaScript, Dart, Bash/Shell
- **Libraries/Frameworks:** ReactJS, NextJS, Node/ExpressJS, Django, Flutter
- **Tools/Platforms:** Git/Github, Linux, Windows, GNU Coreutils, vim, Docker

PROJECTS / OPEN-SOURCE

PEER MESSAGING | Link   NextJS13, TailwindCSS, ChakraUI, Redux-Toolkit
A Peer to peer messaging platform, uses the local network to chat and WebRTC for voice/video-calling.
- **Realtime Calling / Chatting** , with zero dependency on a centralized server
- **Intuitive UI** , responsive to all screen dimensions

COMPUTERSHOP | Link   MERN, Redux Toolkit, TypeScript
A fully functional, featureful online shopping app, with all core functionality of an e-commerce application
- Authorized login using **JWT** have features like **add to cart, place order and fetch previous orders**
- Globally state managed with order notification support
- Implemented CRUD operations using **Mongoose ORM for 70% efficient query.**

SNAPPIO | Link   Django Rest Framework, Django Channels, Redis
A social-media/chat app that incorporates post updates and event-planning with friends.
- **RESTful api** written with Django Rest Framework with object-oriented generic classes
- **Web-socket protocol** with Django Channels with custom authentication for realtime communication
- Pub/Sub provided by **Redis** , documentation supported by **swagger/redoc** standards

NATIONAL HACKATHONS

SMART INDIA HACKATHON   Excel College, Coimbatore - 2022
- *Tech Used:* **Flutter / Dart, API integration with Dio http library, Postman**
- *Result:* **First Runners Up**

COGNIZANCE TECHFEST   IIT Roorkee - 2023
- *Tech Used:* **Django Rest Framework, Django Channels**
- *Result:* **4th in Global Championship**