ROSHAN JHA

West Bengal

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Education

BP Poddar Institute of Technology and Management	**June 2020 - June 2024**
B.Tech in Computer Science and Engineering(CGPA of 7.3)	*Kolkata, West bengal, India*

Calcutta Public School	**March 2017 - March 2018**
Class 12th (PCM) - 83%	*Kolkata, West Bengal, India*

Projects

Phone-Case | Node.js,Uploadthing,Express, MongoDB,Next.js,and React   Live | Github
- PhoneCase is a digital marketplace that allows users to purchase customized phone cases by uploading their own images.

- The platform uses Prisma to store customer details, UploadThing for image uploads, and Stripe for handling payments via its webhook system. Both the frontend and backend of the application are developed using Next.js. .

CoderStop | Node.js, Express,Next-js,Redis,Prisma, MongoDB, and Tailwind CSS   Live | Github
- The "CoderStop" app is a dynamic platform for Coders with NextJs and AcertinityUI(An Open Source component Library)This app will be the one stop platform for all the Coders Across Globes.
- It has Some Basic functionalities which allows them to interact and make Friends and chats with other coders,Allows them to see their current position ,helps them to see Coders across globe various API endpoints being used to help them for Github,Codeforce LC
- ToolsUsed:Shadcn,Zod,MongoDB,Redis,Authjs,Next Js,Jwt,Bcrypt,Sender.

Whisper Wire | Typescript, Next-js,Node.js and MongoDB   Live | Github
- Whisper wire is an innovative application made using Next-js it allows you to send message to Anyone following the link and your identity will be kept secret.
- Used Many modern Tool such Such as NodeMailer for sending mail,Bcryptjs for hashing password,Zod for validations and checks,MongoDB for database.
- Used shadcn which provides beautiful Components for mordern apps such as this Leveraging tailwind-Css for inline css.

Achievements

- **313** Global Rank out of 8500 in May Lunchtime 2022, Codechef
- Contributed innovative solutions during Hactoberfest 2023 event, delivering **10+** pull requests on open-source projects, resulting in increased code functionality, improved user experience, and enhanced overall project quality.
- Solved **700+** Problems on Leetcode. Contest rating : **1700 (in 16.72%)**

Technical Skills

Languages: Java,HTML,SQL,NOSql,CSS,TypeScript,JavaScript,Python
Developer Tools: VS Code,Eclipse,Postman,Thunder Client,IntelijeIdea
Technologies/Frameworks/Database: GitHub ,NodeJS , ReactJS ,Mongoose, MongoDB ,PostgreSql ,Prisma ,Redis ,REST APIs

Experience

- Collaborated on Various Projects on Institute Level.
- Collaborated with the project maintainers and other contributors to implement a starting Kit leveraging the surrealDB for database management.