Subhraneel Goswami

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EDUCATION

Institute of Engineering and Management	Kolkata, Sector V
Bachelor in Computer Application	*July 2023 – June 2026*

SKILLS

Languages: TypeScript, JavaScript, Solidity
Libraries: React, Node.js, Next-Auth, Hardhat
Frameworks: NextJS, ExpressJS
Design : Figma
ORM :Prisma
Database : Redis, PostgreSQL, MongoDB, Supabase
Version Control : Git, GitHub
Developer Tools: Postman, Docker

PROJECTS

Image Vault | *Next.js, MongoDB, Next-Auth, Next API, Pixabay API*   21/09/2024 – 25/09/2024
- Live Demo
- Github
- Developed a minimalist image exploring website using Pixabay API
- Enabled users to bookmark their favorite images, Bookmarks are stored in the database
- Images download and Sharing to different platforms enabled
- Sleek UI with mobile responsiveness and better User Experience

Kalesh -v1 | *TypeScript, Nextjs, Nodejs, Redis,PostgreSQL*   15/09/2024 – On going
- Post Link
- Github
- Developing a highly optimized and scalable web application using TypeScript, Nextjs and Node.js, focusing on clean, efficient code
- Built custom authentication system integrated with NextAuth, using email verification and REDIS Queue for high scalability and performance
- Implemented JWT-based forgot and reset password functionality, ensuring robust security with hashed passwords and token management
- Designed multiple security layers with thorough checks for user registration and sign-in, enhancing backend protection
- Set up real-time voting functionality for creators' thumbnails, with live updates on both frontend and backend
- Used Redis Queue to handle high-volume vote processing, ensuring smooth database updates and scalable infrastructure

Tutorial-Tracker | *Next.js, Prisma, PostgreSQL, Next-Auth, Supabase ,Figma*   11/09/2024 –13/09/2024
- Live Demo
- Github
- Built a web app that tracks long YouTube tutorials, allowing users to take notes and stay organized
- Showcased a passion for practical, user-focused applications with an intuitive interface
- Used Prisma ORM and PostgreSQL for efficient data management and NextAuth for secure authentication
- Wrote optimized, scalable code to ensure smooth user experience and performance

Decentralised Twitter | *Solidity, Remix IDE, Sepolia-Testnet, Metamask*   04/09/2024 – 09/09/2024
- Contract Link
- Github
- Developed a decentralized Twitter clone with smart contracts using Solidity
- Deployed the application on the Sepolia Ethereum test network
- Implemented Solidity concepts such as modifiers, functions, require statements, and events
- Ensured decentralized functionality by writing and deploying secure smart contracts