Jatin Kumar

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🎓 EDUCATION

B.Tech in CSE   2022 – present | Chennai, India
SRM Institute Of Science And Technology

💼 PROFESSIONAL EXPERIENCE

SDE Intern   Jul 2023 – present | Chennai, India
Climec Labs ⊡
- Developed a Flutter application that seamlessly integrates with WiFi-enabled Air Purifiers.
- Built a Flutter app with Dart, seamlessly integrating Firebase as the backend.
- My contributions primarily centred on implementing device connection functionality and designing the application's user flow.

🏠 ORGANIZATIONS

SRMKZILLA (Official mozilla campus club) ⊡   Oct 2022 – present | Chennai, India
Associate Technical Lead
- Started as a member, went on to become a associate technical lead in my second year.
- Worked on many open and closed source projects in MERN stack and Flutter.
- Created a Flutter application designed for managing event check-ins and attendance.
- Worked on the development of backend of a CMS in Node.js, TypeScript.

Skills: Node.js, TypeScript, Express, Flutter, AWS S3, MERN

💡 SKILLS

Development and Cloud

NodeJS, MongoDB, PostgreSQL, MySQL, ExpressJS, serverless stack, ReactJS, RemixJS, NextJS, Tailwind CSS, ChakraUI, GCP, and more

Programming Languages

TypeScript, JavaScript, Python, C, C++, GO, SQL and Java.

📁 PROJECTS

KzCMS ⊡
- Developed a CMS for SRMKZILLA using the MERN stack with TypeScript, Node.js, Express, and React.
- Designed and implemented a controller service architecture for authentication, validation, and middleware logic.
- Built an Image Upload service using AWS S3 to allow users to upload and manage images within the CMS.
- Contributed to various CMS features, including user management, content creation, and publishing.

TinyBits ⊡
- Developing a URL shortener backend in GoLang, primarily for learning the language for a club project.
- Expanded it into a full-stack application by incorporating Remix.
- Leveraged Redis for caching and PostgreSQL for the database without using an ORM.
- Ongoing development as an open-source project, still a work in progress.

Chat App ⊡
- Built a real-time chat app using HTML, CSS, Vanilla JS, and Firebase, enabling seamless communication.
- Implemented secure user authentication and authorization with Firebase Auth.
- Used Firebase Realtime Database to efficiently store and retrieve messages, enabling real-time messaging.
- Developed a scalable chat platform that can handle high user volumes and traffic.

Music Player ⊡
- Built a music player web app with Deno, a modern JavaScript runtime.
- Used the YouTube Data API to search for and play videos.
- Deployed the app to the edge using Deno Deploy, making it fast and reliable for users around the world.
- The app is responsive and easy to use, with a clean and modern design.

Fashiontonic ⊡
- Developed a Shopping App using Flutter and GetX for state management.
- Designed and implemented a modular architecture for the app, making it easy to maintain and extend.
- Designed the frontend to integrate seamlessly with the backend for a smooth user experience.
- Implemented a variety of UI elements, such as banners and filters, using the Flutter framework.