Shubham Gupta

11shubhamgupta99@gmail.com | +91 78388 46910 | linkedIn/ramsay117 | leetcode/ramsay117 | Portfolio

EDUCATION

BTech. in Computer Science   Delhi, India | Jun 2021
DR. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, GGSIPU

WORK EXPERIENCE

SMART JOULES | SOFTWARE ENGINEER - BACKEND   Delhi, India | Jun 2023 – Present

- Developed and **deployed APIs** for **backend configurations** and user interface enhancements, boosting system usability and **data handling**. Created APIs for configurator pages, including functionalities for **navigation**, **publishing**, **ordering** and **deletion**, and managed advanced table configurations such as orientation and accordion-style grouping. Enhanced **system-wide connectivity** with **global sync APIs**, ensuring consistent data synchronization.
- Enhanced system integration by using **Sentry** for error logging and monitoring. Managed **real-time data exchanges** and set up **internal webhooks** for efficient data requests over **MQTT**. Developed and refined CPA **alert management systems** integrated with **WhatsApp**, email, **Slack**, using yellow.ai templates, including APIs to **subscribe to**, **unsubscribe from**, and **delete alert instances**. Implemented **role-based access controls (RBAC)** for APIs, ensuring secure and authorized operations.

BETAFLUX | ASSOCIATE SOFTWARE ENGINEER   Bengaluru, India | May 2022 – May 2023

- Developed a **server-side application** that integrates with Point of Sale (POS) systems, using **Google Cloud Pub/Sub** for handling and routing order processing from client applications to the appropriate **POS APIs**.
- Developed the Ultraviolette's main website with **React.js**, emphasizing a **responsive** and user-friendly design. Utilized **Context API** for **state management**.

PROJECTS

JOTSPOT ⬈   REACT.JS, TYPESCRIPT, MATERIALUI, REACT-HOOK-FORM

- Created a note-taking app with features like **custom tags**, **search by title/tags**, **local storage** for data persistence, **Markdown** for rich text formatting, and thorough **field validations** to ensure data accuracy.

FLOWCHAT ⬈   REACT.JS, MONGODB, NODE.JS, SOCKET.IO

- Implemented **JWT authentication via cookies** for identity security, **Socket.io** for real-time messaging and status updates, and **iOS-style notifications** for user alerts.
- Employed **Mongoose** for structured MongoDB data modeling and implemented robust error handling through **toast notifications** for clear feedback.

EXPENSEGQL ⬈   REACT.JS, PASSPORT.JS, APOLLO GRAPHQL, MONGODB

- Provides **secure user login** and **robust session management** using **Passport.js**, with **MongoDB** serving as the **session store**, ensuring secure and efficient session handling.
- Utilizes **Apollo Client** and **GraphQL** to streamline **data management**, facilitating structured and selective fetching. Features a **normalized cache** that minimizes network usage, **synchronizing the UI** swiftly and ensuring real-time data access.

SKILLS

Frontend: JavaScript/ES6, TypeScript, Tailwind CSS, React.js, Context API, Redux Toolkit, Apollo Client.
Backend: Node.js, Express.js, RESTful APIs, GraphQL, Socket.io, JWT, Passport.js, Redis, RabbitMQ.
Database: PostgreSQL, Prisma, MongoDB, DynamoDB.
Other: Git, Jira, Operating Systems, Computer Networks.