DEWANSH KUMAR

Full Stack Developer

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🔗 https://github.com/dewansh-kumar   📍 Gurgaon, Haryana

EXPERIENCE

Full Stack Developer

Jio Platform Limited   📅 12/2023 - Present   📍 Navi Mumbai, Maharashtra

- Ensured **compliance** with TRAI's **TCCCPR-2018** rules using **Distributed Ledger Technology (DLT)** to enhance security and transparency in communication processes.
- Designed and deployed a **URL whitelisting framework** in alignment with **TRAI guidelines** to combat **A2P SMS fraud**, evaluating and optimizing multiple approaches to deliver a **scalable**, **compliant solution** aligned with business goals.
- Developed an internal **SMPP proxy server** and **client toolkit** to streamline testing, debugging, and monitoring of high-throughput messaging systems—enhancing **reliability** and significantly reducing **troubleshooting time**.
- Developed a **scalable Python** and **Shell-based solution** to process over **2 billion daily Druid records**, automating **report generation** and enabling **real-time insights**—reducing **manual data analysis** efforts by **40%**.

Full Stack Developer Intern

Zemoso Technologies   📅 03/2023 - 08/2023   📍 Remote (India)

- Developed and maintained **full-stack web applications** using the **MERN stack**, with **React.js** for the frontend and **Node.js/Express.js** for backend services.
- Utilized **Redux** and **Recoil** for **state management**, ensuring efficient **data handling** and seamless **application performance**.
- Designed and implemented responsive UIs with **Material UI** and **Tailwind CSS**, improving the **user experience** and **UI consistency**.
- Used **Storybook** to develop and document **reusable UI components**, enhancing **collaboration** and **design consistency**.

PROJECTS

Chat Application

- Created a **scalable chat application** using the **MERN stack**, enabling **real-time messaging** and **robust data management**.
- Designed and managed **WebSockets** for real-time bidirectional communication, facilitating instant message delivery and updates.
- Utilized **Redis Pub/Sub** for **horizontal scaling**, ensuring high availability and effective traffic management.
- Implemented **Kafka** for high-volume message handling, reducing database load and improving system reliability.

Interactive Dashboard for Personal Productivity

- Developed a **responsive and user-friendly productivity dashboard** using **React.js** and **Node.js** to track personal tasks, weather, stock market updates, and news.
- Integrated **real-time data** from **REST APIs** (OpenWeather API, News API, Stock Market API) for dynamic content updates.
- Designed interactive **UI components**, including **calendar**, **clock**, **stopwatch**, and **AI chatbot**, to enhance user engagement.
- Integrated an **AI-powered chatbot** using **Gemini API**, enabling real-time **multilingual conversations**.

SUMMARY

Full Stack Developer with 2+ years of experience in the IT industry, specializing in the MERN stack (MongoDB, Express.js, React, Node.js). Skilled in building scalable web applications, integrating RESTful APIs, and managing databases. Passionate about creating efficient, user-friendly solutions from front-end to back-end.

SKILLS

Java   JavaScript   Python   OOPS

React.js   Node.js   Express.js

MongoDB   MySQL

Data Structures And Algorithms   HTML

Redis   CSS   Kafka   Tailwind CSS

Git   GitHub   JWT   NPM   Nginx

Socket.IO   REST API   TypeScript

Scripting   Material UI   API Integration

DBMS

EDUCATION

B.Tech - Information Technology

Haldia Institute of Technology, B.Tech - Information Technology

📅 08/2019 - 06/2023
📍 West Bengal, India

CERTIFICATES

Full-Stack Web Development

Linkedin Learning.

Mastering Data Structure and Algorithms

Pep Coding.

Spring Boot Development

Udemy.

HOBBIES AND INTEREST

Meditation

Singing And Listening Music

Cricket

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