Surya M

Javascript Backend Developer

To leverage my 1.6 years of experience as a JavaScript Backend Developer to contribute to the development of scalable, and maintainable web applications.

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📱 8248175030

📅 19 June, 1998

github.com/surya196

◑ medium.com/@surya.sh

WORK EXPERIENCE

Javascript backend developer
Meras plugins pvt Ltd

05/2022 - Present   *chennai*
delivers an end-to-end comprehensive charging infrastructure solution

Achievements/Tasks

- **Payment Gateways :** Streamlined payment processing by integrating multiple third-party payment gateways like **Paytm, Razorpay,** and **PhonePe** payment gateways into Node. js server-side applications.
- **Webhooks and Authentication :** Implemented secure webhooks to receive real-time payment notifications and Designed and implemented cryptographic **authentication** protocols to safeguard sensitive user data and prevent unauthorized access.
- **Transaction Verification :** Developed a highly scalable transaction verification system to handle large volumes of transactions with exceptional accuracy.
- **Apache Kafka :** Designed and implemented a high-throughput Kafka-based messaging system for real-time data ingestion and processing, handling large volumes of messages per second. Developed Kafka producers to ingest transaction data from various sources.
- **Role-Based Access Control :** Proficient in designing, implementing, and managing RBAC systems using various technologies.
- **Quartz Cron job :** Proficient in scheduling background tasks using Quartz, a popular job scheduling framework. Experienced in crafting Cron expressions to define complex job execution schedules.
- **Database Management :** Experienced in managing and utilizing PostgreSQL, Redis, and Elasticsearch databases for various data storage and retrieval needs.
- **WebSockets :** Proficient in implementing and utilizing WebSockets for real-time communication. Experienced in handling WebSocket protocols, including handshake, message framing, and error handling.

EDUCATION

Computer science engineering
Vel tech high tech DR.RR DR.SR engineering collage

07/2015 - 05/2019   *chennai*

SKILLS

Javascript   Typescript   Graphql   Node.js

Redis   Kafka   Postgresql   Docker

Postman   Express.js   Java   Web socket

Elastic search

PERSONAL PROJECTS

Person CURD API (05/2023 - Present)
- **Technology:** Graphql, Node.js, Typescript, Express.js, Docker
- **Description:** Developed a server-side application using Node. js and GraphQL to implement CRUD (Create, Read, Update, Delete) operations for person data, utilizing PostgreSQL as the database, and incorporating data validation to ensure data integrity.

Image wallet (04/2022 - 05/2022)
- **URL:** https://imagewallet-aadd7.web.app/.
- **GitHub**: https://github.com/surya196/imagewallet.
- **Technology:** React.js, HTML, CSS, Pexels API, Firebase.
- **Description**: This project is a web application that allows users to search, filter, and categorize images. The application is built using React.js, HTML, and CSS. It uses the Pexels API to fetch images, and it uses Firebase to host the web application.

INTERESTS

system design   Kubernetes   Flink