Ravi Singh

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EXPERIENCE

Software Engineer
Glue Labs   **June 2023 - Present, Chandigarh, India**

- Successfully contributed to two projects, **FIFO** and **xG**, showcasing versatility in handling diverse tasks and responsibilities.
- Skillfully integrated **Shopify** into project xG using OAuth, demonstrating proficiency in third-party integrations and expanding the application's functionality.
- Drove a 20% increase in user engagement through skillful management of email campaigns using **Postmark**, incorporating insights such as open rate, click rate, and delivery rate.
- Designed responsive email templates using **MJML** for improved user experience and engagement.
- Implemented **Sequelize ORM** and **TypeORM** for database management, creating efficient data models, and establishing reliable data flows.
- Integrated **KafkaJS** for event-driven architecture, enabling real-time data processing and seamless communication between microservices which results in a 30% improvement in real-time data processing.
- Developed and maintained backend systems for various web applications using **Node.js**, **Express**, and **NestJS**, ensuring high performance, scalability, and security.

Software Engineer Intern
Glue Labs   **March 2022 - May 2023, Chandigarh, India**

- Employed caching mechanisms using **Redis** to optimize data retrieval and reduce server load by 15%, resulting in faster response times for users.
- Implemented **MeiliSearch**, enhancing search capabilities and achieving a 40% faster search response.
- Utilized **TimescaleDB** to handle time-series data efficiently and manage large volumes of data effectively.
- Developed applications in **TypeScript**, ensuring type safety and code maintainability.
- Developed **RESTful API** services with swagger integration for both internal and external services, and improved API access speeds by 40%.

PROJECTS

Vexio
https://vexio-lyart.vercel.app •   December 2023

- Vexio is a powerful Shopify app designed to simplify and enhance your **product review management** process. With it, you can effortlessly collect and manage customer reviews for your Shopify store products.
- Engineered a robust automation system using JavaScript, Sequelize, PostgreSQL, and webhooks within Vexio, automatically dispatching review emails to customers post-purchase, fostering engagement and insights.

URL Shortener
https://github.com/Ravi1491/url-shortner •   November 2023

- Developed a comprehensive URL shortener application to efficiently create shortened URLs and track click-through analytics.
- Implemented **Node.js** and **Express** for URL shortening and analytics, integrated **Swagger** for streamlined API documentation, and utilized **MongoDB** for secure and efficient mapping of original and shortened URLs.

Timekeeper
https://github.com/Ravi1491/Time-Keeper •   June 2022

- Stored and organized user and to-do data in a Postgres database. Implemented features like user **authentication**, **authorization**, and basic task operations using **NestJs**.
- Boosted task completion by 15% with **notifications** sent a day before a to-do's deadline using **Cron Jobs**. Also, speed up user searches for to-do items by 40% through the use of **MeiliSearch**.

EDUCATION

Bachelor of Technology in Computer Science
Bennett University • Greater Noida, Uttar Pradesh • 2023 • 3.86

SKILLS

JavaScript, TypeScript, Node.js, Express, NestJS, Sequelize ORM, TypeORM, TimescaleDB, Postgres, Mongodb, KafkaJS, Redis, Postmark, MJML, Git.