

RAVI SINGH

Software Developer

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Ghazipur, Uttar Pradesh

SUMMARY

Highly skilled and motivated backend developer with a strong foundation in Node.js, Express, NestJS, and various technologies. Experienced in building scalable and efficient web applications, utilizing Sequelize ORM, TypeORM, KafkaJS, caching, and email marketing tools. Seeking an opportunity to contribute my expertise at a forward-thinking company.

WORK EXPERIENCE

Software Developer

03/2022 - Present

Glue Labs

Chandigarh

It's an all-in-one AI-powered innovation toolkit, streamlining ideation to deployment for creators aiming to lead the charge in the next era of breakthroughs.

- Worked on two projects: **FIFO** and **xG**.
- Integrated **Shopify** using OAuth 2.0 in **xG**.
- Developed and maintained backend systems for various web applications using Node.js, Express, and NestJS, ensuring high performance, scalability, and security.
- 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.
- Employed **caching mechanisms** to optimize data retrieval and reduce server load, resulting in faster response times for users.
- Utilized **Postmark** and other email marketing tools to create and manage email campaigns, enhancing user engagement and communication.
- Implemented **MeiliSearch** to enhance search capabilities, providing users with fast and accurate search results.
- Designed responsive email templates using **MJML** for improved user experience and engagement.
- 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.

<https://gluelabs.com>

PROJECTS

URL Shortener

11/2023

- 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.

<https://github.com/Ravi1491/url-shortner>

Time Keeper

06/2022

- Crafted a robust time management app with **NestJS**, integrating **MeiliSearch** and **PostgreSQL** for efficient search and data storage, featuring secure user **authentication**, **authorization**, and complete **CRUD** operations.
- Implemented a proactive notification system through **Cron Jobs**, enhancing productivity by sending users reminders one day before their due dates, and integrated **MeiliSearch** for powerful task and user search capabilities.

<https://github.com/Ravi1491/Time-Keeper>

Blog Application

06/2022

- Developed a robust Blog Application with **GraphQL**, leveraging **PostgreSQL** and **Redis** for efficient data storage and retrieval, incorporating user **authentication**, **authorization**, and **Joi validation** for data integrity.
- Enabled seamless **CRUD** operations, empowering users to effortlessly create, read, update, and delete their blog posts within the application.

<https://github.com/Ravi1491/GL-Blog-Applications>

SKILLS

JavaScript, · TypeScript · MJML · C++

Node.js · Express · NestJS

Postgres · TimescaleDB · MongoDB

KafkaJS · Redis · MeiliSearch · Postmark ·

Git/Github

EDUCATION

BTECH- CSE

Bennett University, Greater Noida

07/2019 - 06/2023

CGPA | **8.96** / 10

School- Class XII

Army Public School, Ambala Cantt

04/2018 - 05/2019

CGPA | **8.24** / 10

ACHIEVEMENTS

 Google Hashcode 2022

AIR Rank – 580, Global Rank – 1989

 Cocubes

Cocubes Score **576 out of 800**

 Codechef

Long Challenge **Global Rank – 81**