# Rajnish Kumar Singh

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## SUMMARY

Versatile Full Stack and Front-End Developer with 6+ years of experience in web development, database design, and building user-centric applications. Skilled in React, Vue.js, NestJS, and PostgreSQL, with a strong focus on enhancing performance and delivering scalable, high-performance solutions. Proven ability to collaborate across teams to create robust, efficient applications.

## EXPERIENCE

### Software Engineer
**ReLuminos Tech**                                      **October 2021 – Present, Bangalore, Karnataka**

· **Modernized Architecture & UI:** Migrated from Nuxt2 to Nuxt3 and updated the UI from Vuetify to PrimeVue, significantly boosting performance, scalability, and user experience.
· **Optimized Frontend Performance:** Increased page speed from 60 to over 90 by streamlining rendering and reducing unnecessary DOM updates.
· **Efficient Data Handling:** Implemented server-side pagination to enhance data load times and overall scalability.
· **Robust Backend Operations:** Optimized database queries with NestJS and PostgreSQL, and designed RESTful APIs with Node.js/Express to efficiently handle 100K+ monthly requests.
· **Scalable Infrastructure:** Deployed a microservices architecture using Docker and Kubernetes, reducing deployment times by 60% and supporting seamless cloud scaling.
· **Real-Time Engagement:** Engineered a WebSocket-powered notification system that increased message delivery efficiency by 95%.
· **Innovative Feature Development:** Developed new platform features, including a time-travel test automation capability, using Vue.js and Nuxt.js.
· **Enhanced Data Visualization:** Integrated ECharts to deliver clear, engaging trading charts that improve data accessibility and user engagement.

### Data Analyst
**Gikr Biochem**                                      **November 2018 – September 2021, Muzaffarpur, Bihar**

· **Database Leadership & Optimization:** Led the development, maintenance, and optimization of databases to ensure efficient storage, rapid retrieval, and robust accessibility.
· **Automated Reporting & Data Visualization:** Developed automated reporting processes and interactive visualizations to effectively communicate complex data insights to non-technical stakeholders.
· **Scalable ETL Pipelines:** Engineered ETL pipelines using Apache Spark and Python to process over 500GB of data daily, enhancing data accuracy and accessibility across departments by 30%.
· **Cloud-Based Data Warehouse Architecture:** Architected a cloud-based data warehouse with AWS Redshift and SQL, improving query performance by 50% and reducing latency for real-time analytics, enabling more informed decision-making.

## EDUCATION

### B.Tech + M.Tech (Dual Degree)
Lovely Professional University · Phagwara, Punjab · 2017 · 7.62

## SKILLS

Frontend: React, Vue.js, Nuxt.js, Material UI, Vuetify, PrimeVue, ECharts, Redux, TailwindCSS, JavaScript (ES6+), TypeScript

Backend: NestJS, Node.js, Express,REST APIs

Database: PostgreSQL, GraphQL

Tools & Technologies: Git, Docker, Webpack, NPM, CI/CD, Jira, Confluence