YASHPAL SINGH

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Education

GLA University   **Sep. 2021 − 2025**
Bachelors of Technology in Computer Science   *Mathura, Uttar Pradesh*

Saraswati Vidya Mandir   **Apr. 2019 − 2021**
Intermediate in PCM   *Mathura, Uttar Pradesh*

Experience

Backend Development using SQL with Security Assurance   **Jun 2023 − Jul 2023**
Database Management Trainee   *Remote*

- Mastered advanced MongoDB querying and CRUD operations.
- Improved query performance by 20%
- Implemented techniques like **aggregation, filtering, and pagination**.
- Gained hands-on experience in database security *best practices*, ensuring **data integrity and confidentiality** through role-based access control.

Projects

Testimonial | *TypeScript, ReactJS, Redux, NodeJS, PostgreSQL, Prisma, Redis, Docker* − **Code** | **Live**   **Sep 2024**

- Built a platform to *collect, manage,* and dynamically display client testimonials and reviews with customizable options.
- Enabled dynamic **widget display** of feedback.
- Supports feedback card customization like theme, speed, and color.
- **Hosted** by automating backend deployment with *Docker, GitHub Actions*, on *EC2 VM*.

Automate | *ReactJS, TypeScript, NodeJS, PostgreSQL, Prisma* − **Code**   **Nov 2024**

- Engineered a robust **workflow automation** platform to enhance task management.
- Supports **flexible workflow** configurations.
- Designed a **task scheduling system** to automate the execution of tasks at specified intervals.

Task Manager | *TypeScript, ReactJS, Redux, NodeJS, PostgreSQL, Prisma, Docker* − **Code** | **Live**   **Dec 2024**

- Built a **Task Management** app.
- Integrated *Access token* and *Refresh token* rotation with **JWT** for enhanced user access security.
- Made for learning **CI/CD** and **multi-stage Docker**.

Technical Skills

Languages: Java, JavaScript, TypeScript, Python

Technologies/Frameworks: ReactJS, NodeJS, Redux, PostgreSQL, Prisma, Redis

Developer Tools: VS Code, JetBrains IDEs, Docker, Git, Linux, Shell

Other: CI/CD, Unit Testing (Jest), Object Oriented Programming (OOPs).

Volunteering / Achievement

- Won **2nd prize** in a technical paper presentation organized by **IBM**.
- Contributed to **open-source** projects on *GitHub*.
- **Runner-up** in the Intra-college SIH Hackathon.
- Achieved a **5-star** rating on *Hacker Rank* for exemplary Java programming skills.
- Contributed to discussions on *Stack Overflow*.
- Solved **130+ DSA** questions on *LeetCode*.