



YASHPAL SINGH

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Education

GLA University

Bachelors of Technology in Computer Science

Sep. 2021 – 2025

Mathura, Uttar Pradesh

Saraswati Vidya Mandir

Intermediate in PCM

Apr. 2019 – 2021

Mathura, Uttar Pradesh

Experience

Backend Development using SQL Mongoddb with Security Assurance

Jun 2023 – Jul 2023

Database Management Trainee

Remote

- Learned advanced MongoDB querying techniques and CRUD operations.
- Designed and *optimized databases querying* for multiple projects.
- Implemented *aggregation, filtering, and pagination* data querying techniques
- 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 – 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*.

Shop Mart | ReactJS, TypeScript, NodeJS, MongoDB, Docker – Code

Jun 2024

- Designed and architected a highly scalable *e-commerce* platform to deliver seamless *online shopping* experience.
- Implemented real-time *order tracking*.
- Implemented **role-based access** for *customers* and *admins*.
- Integrated **Biteship** and **Xendit** APIs to streamline and enable efficient shipping and payment processing.

Task Manager | TypeScript, ReactJS, Redux, NodeJS, PostgreSQL, Prisma, Docker – Code | Live

Dec 2024

- Built a **Task Management** app for efficient task tracking.
- 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**.
- Runner-up in the *Intra-college SIH Hackathon*.
- Contributed to discussions on *Stack Overflow*.
- Solved **130+ DSA** questions on *LeetCode*.
- Learned and implemented *multi-stage Docker builds* to reduce image size by **65%** across multiple projects.