



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

- Developed a platform to *collect, manage*, and showcase customer Testimonials and Reviews.
- Facilitated seamless collection of client feedback and enabled its dynamic display on websites.
- Supports feedback card customization like theme, speed, and color.
- **Hosted** by automating backend deployment with *Docker, GitHub Actions, and EC2*.

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

Jun 2024

- Architected a scalable *e-commerce* platform for seamless *online shopping* experiences.
- Established a robust **role-based access** control system for both *customers and admins*.
- Integrated **Biteship** and **Xendit** APIs for enhanced functionality.
- Implemented real-time *order tracking* and *notifications* for users.

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

Dec 2024

- Developed a Task Management app to manage and track pending tasks efficiently.
- Integrated *Access token* and *Refresh token* rotation using **JWT** for secure user access.
- Made for learning purposes, for CI/CD pipelines and multi-stage Docker deployment.
- Hosted on **Vercel** and an **EC2** VM.

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

- Used multi-stage Docker builds to reduce image size by 65% across multiple projects.
- Contributed to community discussions and knowledge-sharing on platforms.
- Solved 130+ DSA questions on a platform like LeetCode.