

Vishal Panchal

Full stack Software Engineer

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🌐 [LinkedIn](#)

🐙 [GitHub](#)

🔗 [LeetCode](#)

📁 [Portfolio](#)

Technical Skills

Languages: C++, JavaScript, HTML/CSS, Typescript, SQL

Frameworks/Libraries: React.js, Redux.js, NextJS, Socket.io, Prisma, Tailwind, Material-UI

Databases: MySQL, MongoDB, Redis, PostgreSQL, clickHouse, kafka

Dev/Deployment: Docker, AWS S3, AWS ECS, AWS ECR, Postman, Git, Github, Render, Netlify, Figma

OS: Windows, Basic of Linux Commands

Experience

Open Access Technology India

Aug 2022 - July 2023

Associate Software Developer

Remote

- Led a dynamic UI development initiative for an **Extended JavaScript** project, leveraging extensive expertise in JavaScript and Windows technology. Achieved a significant enhancement in user experience with a 40% improvement in **Performance**, ensuring optimal **Scalability**.
- Orchestrated seamless query execution in **SQL**, facilitating fast communication between **Back-end** and **Front-end** systems, resulting in a 20% reduction in data retrieval time and enhancing overall system efficiency.
- Played a key role in refining visual aesthetics and functionality, employing ODG, webplus alongside JavaScript to elevate website engagement by 30%, resulting in a more immersive **Client experience**.

Projects

Vercel Clone | Project Link

[April 2024 - present]

- Designed Vercel clone with **Node.js**, **JavaScript**, **S3**, **Docker**, **ECS**, **kafka** and used **postgresql** as database.
- Used **AWS ECR** for container image management, ensuring **scalable** deployment and efficient resource utilization.
- Employed **AWS S3** for build storage, enhancing reliability and Utilized **ECS** for dynamic container spin-up, ensuring efficient resource allocation and scalability of the application.
- Utilized **Docker** for container image creation, deploying to Amazon **ECR** for streamlined deployment and stream all logs to the clickhouse using kafka.
- Integrated **kafka** and **clickhouse** to enable real-time log streaming and **polling** logs on the frontend.

Netflix Clone (Frontend) | Project Link

[April 2024]

- Leveraged **Next.js** for server-side rendering, enhancing performance and SEO. Integrated **NextAuth** for secure authentication, enabling smooth user login via Google & GitHub.
- Implemented **TypeScript** for improved code readability and type safety. Employed **cookie-based** authentication for enhanced security and personalized user sessions.
- Implemented **MongoDB** & **Prisma** for efficient database management, ensuring seamless data operations and scalability. Ensured full responsiveness on all pages, providing a consistent user experience across various devices.

Real-Time Messenger | Project Link

[Aug 2023 - Nov 2023]

- Engineered a responsive messaging app with **Next.js**, **Tailwind**, and **NextAuth**, utilizing **MongoDB** for data storage. Implemented **Pusher** for real-time messaging and **Cloudinary** **CDN** for image uploads.
- Developed comprehensive features including file sharing, **group chat**, and chat room management, enhancing user interaction and collaboration and overall improve speed of app.
- Orchestrated **CRUD** operations for seamless data management, ensuring efficient functionality and scalability of the messaging application.

Education and Certifications

MCA – Computer Application

TIMT college Yamunanagar (7.5 CGPA)

Aug 2020 - Jul 2022

Yamunanagar (Haryana), India

Certificate – Data structure and Algorithm

Coding Ninjas – Link

May 2023 - Sept 2023