

Om Veer Singh

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Skills

Backend: Node.js, Express.js, JavaScript, Strapi CMS, Kafka, Web Socket, MongoDB, PostgreSQL, Redis

Frontend: React.js, Next.js, Redux toolkit, Hooks

Tools: EC2, S3 Bucket, Docker, Linux, Git, Jira, Trello, Grafana, Postman, GitHub Copilot AI

Core Concepts: Data Structures and Algorithms, OOPs, DBMS, Computer Networks, Operating System

Experience

Software Engineer

Noida, Uttar Pradesh

Extern Labs Pvt. Ltd.

2023/01 – ongoing

- Led Back-End development using **Node.js, Express.js, and GraphQL/REST**, delivering **high-performance and scalable architecture** while closely collaborating with Front-End teams to build **efficient and secure APIs**.
- Built and optimized frontend components with **React.js**, improving UI performance and state management using **Redux**.
- Developed custom Shopify apps and plugins using **Remix.js**, enhancing **user experience, optimizing store functionality**, and increasing **customer retention by 15%** through improved engagement and seamless integrations.
- Optimized **PostgreSQL and MongoDB** databases, enhancing **query performance, indexing strategies**, and improving **data retrieval efficiency for both backend and frontend applications**.

Projects

Worktaps {US-based Client}

2024/12 - ongoing

- A **blue-collar job portal** where users earn bonuses and points for job referrals and application progress.
- **User Roles:** **Super Admin** oversees all platform data and management. **Owner Admin** manages organization-wide job postings and analytics. **Managers** handle job postings and data for a single location. **Employees** can apply, refer, share jobs, and track progress via a leaderboard based on points, bonuses, hires, and interviews.
- **Technical Stack:** **Node.js, Express.js, GraphQL, PostgreSQL** (handled backend development).

Viamedia Pvt. Ltd. {Out-Sourced}

2024/04 - 2024/09

- Outsourced by Extern Labs as a JavaScript Developer, contributing to 3 major projects.
- **Cellc RF:** Enhanced **USSD journey** for ***127#**, implemented **CSV imports handling up to 1M rows via SFTP** using filezilla, automated **Slack reporting**, and improved **error handling**.
- **LYNX:** Migrated **MongoDB to PostgreSQL** and transitioned **Server-Side Rendering (SSR) to REST API's**.
- **Libra Top Trivia:** Converted **50+ gRPC functions into REST APIs** for seamless integration.
- **Tech/Tools:** **Node.js, Express.js, React.js, PostgreSQL, Grafana, Jira**.(mainly worked on Jira ticket).

NitroXpress Shopify App {In-House Project}

2024/01 - 2024/03

- Developed a **Full Stack Shopify app** allowing store owners to **integrate NitroXpress for logistics management**. Implemented **order processing and synchronization** with NitroXpress to streamline shipping operations using **Remix.js, Prisma ORM, GraphQL, and external Nitro API integration**. (handled full-stack)

Harbor Bites Restaurant Management {In-House Product}

2023/11 - 2024/01

- Harbor Bites, a **SaaS-based restaurant management system, digitizing menu solutions** with item addition, ranking **100+ items**, and rearrangement, along with a seamless POS system to enhance operations.
- Automate **local deployment pipeline**, cutting deployment time by **80%** and significantly improved overall efficiency.

NUEGO BUS (Electric Intercity Bus) {Client Project}

2023/04 - 2023/10

- Delivered a **CMS**, transforming its website from **static to interactive and fully customizable**, enabling seamless content management where all website content is handled from the **backend** for flexibility and easy updates.
- Built a **robust backend with Strapi CMS**, streamlining content management and reducing time-to-market by **60%**, using **Strapi, Node.js, Express.js, used PostgreSQL database, Cron Jobs, and AWS**.

Education

Madan Mohan Malaviya University of Technology (Government University)

2019/08 – 2023/08

B.Tech. in Information Technology

- GPA: **7.85/10.00** ([Marksheet](#) [🔗](#))
- **Achievement:** AIR 433/25,000+ in Malaviya Entrance Test (MET), earning a Fee Waiver seat in IT.