

# Karanvir Singh

karanvir011998@gmail.com — 8437333427 — linkedin.com/in/karanvir-singh-a72a61196  
github.com/karanvirsingh011998 — karanvirsingh011998.github.io/portfolio

## Summary

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Software Developer with 3+ years of experience, focused on building sleek and user-friendly web applications. Proficient in JavaScript, TypeScript, React.js, Next.js, Node.js, Express.js, HTML, and CSS. Passionate about creating dynamic, responsive interfaces and always seeking new challenges to grow as a developer.

## Skills

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**Languages:** HTML, CSS, JavaScript, TypeScript, Node.js, Express.js, MongoDB, MySQL

**Technologies:** React.js, Next.js, Node.js, Express.js, MongoDB, Strapi

**Libraries/Tools:** Redux, Ant Design, Material UI, Tailwind CSS, Shadcn/ui, Chart.js, Recharts, Axios, Formik, Yup, Jest, React Hook Form, day.js, crypto.js, react-particles, next-intl

**AI Tools:** ChatGPT, Lovable, GitHub Copilot, Cursor, Deepseek, Phind, Bolt.new, Codeium, Replit, Create

## Experience

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**Software Engineer (MERN), Lumino Guru — Mohali** Nov 2024 – Present

- Engineered scalable and high-performance web applications using **React.js** and **Next.js**, ensuring seamless user experiences across devices.
- Designed and implemented adaptive UI components with **Tailwind CSS**, improving design consistency and development speed.
- Collaborated with backend teams to integrate RESTful APIs, reducing integration bugs by 25%.
- Optimized application performance and SEO through Next.js server-side rendering (SSR) and static site generation (SSG).
- Mentored junior developers, conducting code reviews and training sessions to uplift team coding standards.

**Associate Software Engineer (MERN), Wits Innovation Lab — Mohali** May 2022 – Oct 2024

- Improved user engagement by **40%** and reduced page load times by **20%** through performance-focused React.js optimizations.
- Developed dynamic and responsive front-end features using **React Router** and **Axios**.
- Streamlined deployments by integrating CI/CD pipelines, cutting release cycles by 30%.
- Led and mentored a front-end team of 4 members, onboarding interns and ensuring delivery within timelines.
- Implemented scalable state management solutions with **Redux** and **Context API**.
- Delivered high-quality, maintainable software by following Agile methodology and SDLC best practices.

**IT Recruiter – Nasscomm, Mohali** Sep 2021 – May 2022

## Projects

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### Postcodes

*Cargo & Parcel Handling Platform — Tech: React.js, Tailwind CSS*

- Developed a seamless parcel and cargo handling platform with global reach.
- Integrated tracking for 1000+ carriers, airlines, and sea lines to enable real-time global parcel tracking.
- Built modules for registration, parcel booking, and delivery management with user-friendly workflows.
- Designed responsive dashboards and forms using Tailwind CSS and Shadcn for a modern, professional interface.

### Flahybase

*AI-Powered Oncology Website — Tech: Next.js — Libraries: Tailwind CSS, react-particles, Formik, Yup*

- Designed a landing page for diagnostics, team, and contact sections.
- Showcased AI-powered detection tools.

### FlahyRecovery

*Portal System for BioTech Firm — Tech: Next.js, TypeScript, Node.js, MongoDB — Libraries: Tailwind CSS, crypto.js, Formik, Yup, next-intl*

- Built portals for admin, users, and commercial partners.
- Enabled upload/download of reports and account management.

### Pixel Print Studios

*Printing, Gifting & Branding Website — Tech: Next.js, TypeScript, Vercel — Libraries: Shadcn, Tailwind CSS, Framer Motion*

- Developed a sleek web interface for showcasing printing and gifting products.
- Used scroll-based animations and responsive layouts with Tailwind and Framer Motion.

## Community Schools

*Collaboration Platform — Tech: Next.js, Tailwind CSS, Socket.io*

- Developed a community school platform with features like global feed, groups, and member management.
- Implemented group functionalities including group feed, member list, invitations, and role-based access.
- Built real-time chat using Socket.io for instant communication within groups.
- Integrated file and folder management inside groups for sharing study materials and resources.
- Designed a responsive, user-friendly interface with Tailwind CSS, ensuring accessibility across devices.

## JC Automax

*Admin Portal & Main Website — Tech: React.js (Lovable), Replit, Tailwind CSS*

- Developed a complete digital solution for JC II Auto Inc, including both the admin portal and customer-facing website.
- Built an admin portal to streamline partner and vehicle management with full CRUD functionality.
- Implemented secure role-based permissions for managing users, vehicles, and inventory.
- Designed an interactive dashboard with real-time insights on sales, inventory status, and business metrics.
- Created the main website (jcautomax.com) showcasing JC Automax's car inventory with high-quality images and videos uploaded directly by the admin.
- Delivered a modern, responsive UI using Lovable React for rapid development and Tailwind CSS for consistent design.

## Orbital

*Immersive Tech Showcase — Tech: Next.js, Lovable AI, Three.js, Tailwind CSS, Framer Motion*

- Built a next-gen digital experience platform using Lovable AI for rapid prototyping and development.
- Showcased cutting-edge products including AI assistants, robotics, drones, and wearable technology.
- Designed interactive 3D product showcases with Three.js for immersive exploration.
- Created futuristic interfaces with smooth animations powered by Framer Motion and responsive layouts via Tailwind CSS.

## Balance Pilates Studio - Fitness Admin Dashboard

*Tech: React.js, Vite, Node.js, TypeScript — Libraries: Tailwind CSS, Recharts, Shadcn — Tools: Lovable (AI Assistant)*

- Designed and developed an admin-only dashboard for a boutique fitness studio offering personalized exercise bed classes.
- Displayed key business metrics including Active Customers, Expired Subscriptions, Delinquent Accounts, Total Revenue, and Weekly Bookings.
- Integrated dynamic charts for Monthly Revenue, Weekly Booking Trends, and Delinquency Rate (
- Built responsive management tables for Customers, Classes, Plans, and Payments to streamline administrative tasks.
- Used Tailwind CSS and Shadcn for a clean, modern UI, and leveraged Lovable AI for enhanced development productivity.

## Mesh-HR

*Tech: Next.js — Libraries: NextAuth, Tailwind CSS, Zustand, React Calendar, Day.js, Formik, Yup*

- Built a full-featured dashboard with role-based access using NextAuth for authentication and user invitations by the admin.
- Implemented Posts CRUD accessible to all authenticated users for sharing updates and content.
- Developed an interactive event system where users can create events with title, description, location, images, and start/end date-time using Formik and Yup for validation.
- Integrated React Big Calendar and Day.js to visualize all events; added "Interested" and "Going" RSVP options for users.
- Managed global state efficiently using Zustand, and styled the application with Tailwind CSS.

## Herbalife Nutrition

*Admin & Distributor Management System — Tech: HTML, CSS, React.js, TypeScript — Libraries: MUI, Axios, React Hook Form, Yup, day.js*

- Built management dashboards with data visualizations (Recharts).
- Integrated APIs into user-friendly frontend interfaces.
- Handled backend logic using Node.js.

## WePlanIT

*Workflow & Task Management Platform — Tech: HTML, CSS, Next.js, TypeScript — Libraries: Redux, Antd, Chart.js*

- Created customizable workflows and task tracking.
- Managed state with Redux and Hooks.
- Used Ant Design and Chart.js for UI and data viz.

- Deployed backend using Node.js and MongoDB.

### **Wil Portfolio**

*Portfolio Management System — Tech: HTML, CSS, React.js, Strapi — Libraries: MUI, React-pdf*

- Developed project filtering and multi-select download features.
- Wrote UI test cases using Jest.

### **Encapsulate**

*CRM Integration Portal — Tech: HTML, CSS, Next.js, TypeScript — Libraries: Material UI, Formik, Yup, React Redux, React Helmet*

- Integrated Capsule CRM for account management and profile syncing.
- Enabled user setting management with full disconnect functionality.
- Ensured smooth user experience with protected routes and error handling.

### **Education**

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<b>Punjab Technical University</b> (MCA)	2018 – 2020
<b>Panjab University</b> (BCA)	2015 – 2018