Manpreet Singh

+(91) 98888 45860

msdhaliwal@outlook.in

linkedin.com/in/msdhaliwal94

https://msdhaliwal.com

Professional Summary

A highly skilled Full Stack JavaScript Developer with over 6 years of experience in backend development, API optimization, and database management. Proficient in technologies such as Node.js, Electron.js, PostgreSQL, MongoDB, and cloud platforms like Firebase. Demonstrated expertise in migrating projects from CMS to robust custom solutions, integrating complex features like recurring payments, RBAC systems, and webhook events. Adept at leading feasibility studies for new features and collaborating across teams to deliver scalable, high-performing applications. In my current role, I handle business logic on the server side, optimize APIs for enhanced performance, and manage databases. I also contribute to planning and feasibility studies for upcoming features, ensuring they align with business needs while being technically feasible. I am skilled at breaking down complex requirements, creating efficient solutions, and meeting deliverable timelines.

My CV

WORK HISTORY

Senior Software Engineer
Codelux technologies (2022 - CURRENT)

As a Senior Engineer, I manage and implement complex server-side business logic, optimize APIs for maximum performance, and oversee efficient database management. In addition to technical execution, I lead feasibility studies for upcoming features, collaborating with cross-functional teams to assess technical requirements, define project scope, and plan deliverables. My role ensures the successful and timely execution of projects, while maintaining high performance and scalability standards across the platform.

Lead Engineer
Jetmanlabs (2021 - 2022)

As a founding engineer, lead the architecture, design, tech stack for building Jetman platform for managing and testing API suite to enable other software engineers to build and validate REST API's like POSTMAN. Acted as full stack engineer and built backend in NodeJS, MongoDB, and other frameworks deployed in Google Cloud. Design Client strategy using Electron accelerate development and has apps on all three platforms like Mac, Windows and Linux. Helped in building multiple products

Backend Engineer
Jetmanlabs (2018 - 2021)

Backend Architecture & Development*: Led the design and development of a robust backend infrastructure, establishing a solid foundation for innovative software applications.*

Scalability & Optimization: *Implemented scalable backend solutions, leveraging technologies like JavaScript, Node.js, Git, Stripe, Firebase, and MongoDB to ensure optimal performance and future growth.*

Cross-Team Collaboration: *Worked closely with the front-end team to ensure seamless integration between frontend and backend components, delivering cohesive and high-performing software solutions.*

Education:

Uni: Punjab technical university
Degree: B.tech
Course: CSE
Years: 2014 - 2018

Skills/Tech

JavaScript
Nodejs
Postgres
ElectronJs
MongoDB
Hubspot
Mailchimp
System Design
Tailwind
Express
jQuery
React
Stripe
Twilio
Beehiiv
Firebase
AWSGit
CSS
SQL

Projects

Truck Parking Club

We developed a Truck Parking Management System that simplifies parking management for landowners, truck drivers, fleet managers, and administrators, providing an efficient, user-friendly solution.

Key Features:

Landowner Listings*: Landowners can list parking spaces with details like location, size, and pricing, maintaining full control and accepting bookings instantly.*
Driver & Fleet Bookings*: Truck drivers and fleet managers can book parking on hourly, daily, weekly, or monthly plans, choosing spots based on proximity, duration, and cost.*
Admin Dashboard*: Admins track system performance, manage refunds, users, coupon codes, and monitor listings.*
Parking Manager Controls*: Managers set operating hours and dynamic pricing based on time and vehicle type.*
Organization Management*: Managers assign roles (Owner, Manager, Guard, Driver) to streamline operations.*
Booking Dashboard*: Parking owners access detailed reports to track bookings and revenue.*
Review & Notifications*: Users leave reviews, and real-time notifications keep everyone updated on bookings, cancellations, and payments.*

Tech Stack*: **Node.js/Express** for backend, **Firebase** for real-time data, **Stripe** for payments, and **AWS** for hosting.*

Outcome*: The system improves parking management with role-based access, dynamic pricing, and enhanced user experience*

Feasttt - Order Management System

Designed a comprehensive system to manage key aspects of the fine dining experience in high-end restaurants, covering reservations, staff management (hosts/waiters), payments, orders, customer reviews, and refunds.

Manager/Owner Dashboards: The system provides restaurant managers and owners with insightful dashboards, enabling them to make data-driven decisions. These dashboards track sales performance, customer

My CV

feedback, and food item ratings, helping optimize the restaurant's operations and customer experience.

<u>Admin Dashboards & Analytics</u>: Admins have access to detailed analytics and dashboards, allowing them to create custom discount coupons for repeat customers. Additionally, they can offer platform fee discounts to restaurants based on sales performance, customer retention, and other key criteria.

<u>Outline</u>: The system streamlines operations, enhances customer satisfaction, and equips managers and admins with powerful tools to improve service and boost revenue.

Jetman - app

Developed Jetman App, a free alternative to Postman, designed for API testing and interaction with localized data storage, built using the Electron framework for cross-platform desktop applications. The app provides developers with an intuitive dashboard for managing, testing, and debugging APIs while ensuring data remains stored locally for enhanced privacy and control.

Built with Electron for a seamless, cross-platform experience (Windows, macOS, Linux). Provides a user-friendly UI for API testing, complete with all features Includes localized data storage to ensure user data is kept private and stored on the user's machine, without the need for cloud sync.

Implemented advanced features like custom headers, authorization, and response history.

Focused on a lightweight, high-performance tool for developers.

Jetman - CLI

Developed a CLI companion tool for Jetman, enabling users to interact with APIs directly from the terminal Designed to handle all common HTTP methods, with features for scripting and automation of API requests.
Allows users to manage requests and responses from the command line, ideal for those preferring terminal-based workflows or for use in CI/CD pipelines.
Offers flexibility for automation, making it a powerful tool for testing APIs in batch or within scripts