Gurkirat Singh

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Skills

- React
- Next.js
- Redux
- HTML
- CSS
- JavaScript
- REST API
- Git
- GitHub

Familiar with:

- Node.JS
- Typescript
- MongoDB
- MySQL
- Microfrontend

Education

Chitkara University, Punjab   2017 – 2021
B.E. in Computer Science   *CGPA: 8.83*

Experience

Klearnow.AI
Gurugram, Haryana
Apr 2022 – Present

Software Engineer - II
Software Engineer - I

- **Development:** Contributed to three major projects — **KlearEngine (SaaS platform)**, **Operations Panel**, and **Broker Panel** — focusing on **architecture**, feature development, and system enhancements.
  - **KlearEngine SaaS:** Set up the base architecture, chose the **tech stack**, and bootstrapped the codebase. Built a custom **JWT-based auth module** and dynamic routing using React Router v6 driven by backend configs. Developed UI components for Transactions and Parties using **PrimeReact DataTable** and dynamic Formik forms with YUP validations.
  - **Operations Panel:** Migrated legacy class components to modern functional ones. Delivered key features like **auto-shipment assignment**, **OCR-based document picker**, and admin panel for Ops Leads. Collaborated with the AI team to embed **automation** and streamline manual workflows.
  - **Broker Panel:** Created client-specific features for a US partner, including transaction grouping, advanced filtering, and line-item aggregation tailored to operational needs.
- **Initiatives & Engineering Impact:** initiated weekly knowledge-sharing sessions to reduce silos and foster learning. Advocated for a frontend-backend orchestration layer using **normalized JSON** to simplify data handling. Improved dev workflow with **Prettier**, **ESLint**, and **Husky**. Developed a **design system** and component library to standardize UI and accelerate development.

VT Netzwelt
Mohali, Punjab
Oct 2020 – Apr 2022

Associate Software Engineer
Associate Trainee - Fullstack

- Developed a Social Media and E-commerce application from scratch for a German startup using **React** and **Node.js (TypeScript)**, delivering both frontend and backend solutions.
- Improved React application performance by minimizing unnecessary re-renders using efficient state management and **memoization techniques**.
- Migrated the application to **Next.js**, achieving better SEO through server-side rendering (SSR) and static site generation (SSG).
- Optimized database query performance, resulting in faster load times without overhauling the system architecture.
- Built and integrated a real-time chat module using **WebSockets** and React for seamless user communication.
- Participated in **Agile/Scrum** sprints, coordinating product releases and maintaining communication with stakeholders for smooth delivery.
- Completed a fullstack **MERN bootcamp** and applied best practices by building multiple end-to-end applications.

Projects

- **Text-picker | OCR-Based Text Picker component**   Link
  A component that allows users to select text from images using OCR technology.

- **Portfolio | Windows themed portfolio website**   Link
  A personal portfolio with a Windows OS theme showcasing my work and skills.