

Simrandeep Singh

Software Engineer

✉ simrandeep.dev@gmail.com ☎ 9855252077 🔗 <http://deepsingh.netlify.app>

🌐 <https://www.linkedin.com/in/simrandeep-singh-7bb74b234> 🔄 <https://github.com/deepsingh245>

EXPERIENCE

Unthinkable Solutions, Associate - Software Engineer

03/2024 – Present | Gurugram

LDGERS

- Engineered the LDGERS platform with **SSL security and VAPT-compliant architecture**, mitigating critical vulnerabilities and strengthening system integrity.
- Developed **React Native mobile applications** with optimized performance and consistent cross-platform behavior.
- Built **end-to-end financial modules** including reporting, account management, and invoice systems to automate business workflows.
- Enhanced platform reliability through secure API design, authentication, and data protection practices.

Core HRMS

- Architected an end-to-end **HRMS system** managing hiring pipelines, interview workflows, offer generation, onboarding, and employee lifecycle operations.
- Engineered **RBAC-driven dashboards** with granular access for HR, Admin, and Managers, improving operational visibility and decision-making.
- Implemented **geo-based attendance tracking** and scalable **multi-tenant (multi-org, multi-location) architecture**.
- Led cross-functional team execution, delivering on schedule while integrating **AI modules and configurable master data systems**.
- Designed and implemented a multinational compliance structure aligned with India's **DPDP Act** and EU **GDPR**, US **CCPA**.

ACHIEVEMENTS

Top 3 – Disrupt Hackathon, Unthinkable Solutions

- Ranked Top 3 out of 17 teams** for delivering a production-ready AI travel-planning engine under 30 hours, combining real-time data aggregation, recommendations, and automated decision logic.

National Finalist, Jawaharlal Nehru National Science Exhibition

- Selected as a national candidate** for engineering innovation; designed a kinetic-energy harvesting module enabling on-the-go mobile charging through mechanical-to-electrical conversion for cyclists.

EDUCATION

B.Tech in Computer Science and Engineering,

I.K.G. Punjab Technical University

09/2020 – 05/2024

CGPA: 8.6

PROJECTS

Client Trace: NPM Package

- A lightweight, modular **client-side security** and telemetry library for modern web apps. Detect tampering, bots, proxies, script injections, timing anomalies, and secure your telemetry with AES-GCM + HMAC. Includes **device fingerprinting** and a one-call aggregated security report.

LinkedLoom

12/2025 – Present

- Built an **AI-enabled content automation platform** that generates posts and images from user prompts using a multi-model AI architecture.
- Integrated with **LinkedIn and other social platforms** to enable direct publishing and scheduled posting workflows.
- Implemented **multi-provider authentication** (Google, email, LinkedIn, X) for seamless user onboarding.
- Developed a **real-time analytics dashboard** to track engagement, performance, and content insights.

Attendify, Intelligent Attendance System

- Built a real-time **facial-authentication** pipeline enabling automated attendance tracking with high-accuracy recognition.
- Delivered teacher/student dashboards providing real-time insights, consolidated reporting, and historical analytics.
- Engineered the entire system using **React, Firebase, Face-API, and ShadCN UI** components.

Billey, Cross-Platform Billing System

- Shipped a cross-platform **billing engine** (Electron + React + Capacitor) distributed across Windows, macOS, Linux, and Android.
- Implemented real-time invoice synchronization and offline-capable editing, reducing update latency and improving reliability.
- Integrated automated **PDF invoicing + email dispatch** pipelines to streamline end-to-end billing workflows.

SKILLS

Languages: JavaScript, TypeScript, SQL, C++

Frontend: React, NextJS, React Native

Backend: Node.js, Express.js, REST

Databases: MongoDB, Firestore

Testing: Jest, React Testing Library

Cloud: GCP