

# Kiranjeet Kour

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## Profile Summary

Results-driven full-stack software engineer with proven expertise in designing, developing, and deploying scalable web applications and AI-powered systems.

## Skills

**Web Development:** Node.js, React, Next.js, Prisma, MongoDB, PostgreSQL, Docker

**App Development:** React Native, Node.js, MongoDB, PostgreSQL

**AI & ML:** Python, Scikit-learn, Generative AI (RAG), Model Fine-tuning

## Work Experience

**Training and Placement Cell, GNDEC, Ludhiana** — Software Engineer (Nov 2025 – Present)

**Mohey Innovations** — Software Engineer (Nov 2024 – Aug 2025)

**RD Group of Industries** — Software Engineer (Jul 2024 – Sep 2024)

**Voltsec.io** — Junior Software Engineer (Apr 2024 – Jul 2024)

## Projects

**Training and Placement (TNP) Website:** A full-scale Training and Placement portal designed to centralize all placement-related activities for the institution. The platform manages company drives, student eligibility, registrations, schedules, and results while serving 5,000+ students. [tnpgndec.com](#)

**Technical Skills:** React, Node.js, MongoDB, REST APIs

**InfoCascade:** A centralized digital notice board built to deliver real-time academic and institutional updates such as exams, results, fees, events, and official announcements. Designed with scalability in mind, the platform reliably serves 800+ active users and provides a simple, intuitive interface for both administrators and students, ensuring critical information reaches the campus without delays.

[infocascade.onrender.com](#)

**Technical Skills:** Next.js, Tailwind CSS, MongoDB

**TyperHouse 0.2 (Phase 2):** An advanced ML-powered typing platform that analyzes user typing behavior to predict common mistakes and improve accuracy. Uses machine learning models to recommend likely errors before they occur. Features enhanced UI, group competition mode, and scalable deployment, enabling users to train, compete, and track performance efficiently. [typerhouse.tech](#)

**Technical Skills:** Next.js, MongoDB, Python, Scikit-learn, Docker, Machine Learning

**TyperHouse (Phase 1):** A real-time multiplayer typing game built as a full-stack web application. Features include room creation and joining via codes, Google authentication, live WPM tracking, automatic game start, and visual feedback for incorrect words. Focused on real-time interaction, performance, and an engaging competitive experience. [typerhouse.tech](#)

**Technical Skills:** Next.js, NextAuth, Socket.IO, Tailwind CSS