

# KABIR SHARMA

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[GitHub](#) | [LeetCode](#) | [CodeForces](#) | [CodeChef](#) | [LinkedIn](#) | [YouTube](#) | [Instagram](#) | [AtCoder](#)

## EDUCATION

### Lovely Professional University

Bachelor of Technology, Computer Science and Engineering

August 2021 - June 2025

Phagwara, Punjab

CGPA: 7.83

## EXPERIENCE

### LoveLyne | Winter Training

Jan 2024 - March 2024

- Created a **dating website** called LoveLyne using **React** for the front-end and **Spring Boot** for the back-end, providing a robust platform for users to connect.
- Used **WebSockets for real-time chatting**, enhancing user engagement and communication within the platform by 75%.
- Utilized **machine learning algorithm Collaborative Filtering to match partners**, improving accuracy to 93.54% and enhancing relevance of user connections.

### Data Analyst Intern | Edunet Foundation

June 2023 - July 2023

- Analyzed **sleep duration and quality**, uncovering patterns and correlations to enhance understanding of individual well-being which was initially 92.78%.
- Utilized **logistic regression analysis** to model and predict sleep disorders, achieving an initial accuracy of **95.34%**.
- Optimized the prediction model, boosting accuracy to **96.79%**, providing more reliable insights into sleep health.

## PROJECTS

### NoteSome | Web Development + Machine Learning | Link

MERN, Python, Hugging Face

- Developed **NoteSome**, a note-taking application using **React** and **Tailwind CSS** for a sleek, responsive user interface.
- Assembled a **Kanban board for task management**, enabling users to visualize and organize tasks, boosting productivity by **30%**.
- Integrated a **transformer model to generate summaries** of notes, enhancing usability with an accuracy of **92.67%**.

### ExcalTalk | Web Development | Link

TypeScript, Next.js, Tailwind, MySQL, Socket.io

- Engineered **ExcalTalk**, a comprehensive communication platform enabling server creation with **voice channels, chat channels, video call channels, screen sharing, and file sharing**.
- Implemented a robust architecture using **Socket.io for real-time messaging**, achieving **99.9% uptime** and supporting **over 100 concurrent users**.
- Integrated user-friendly features that enhanced **user retention by 35%** and facilitated seamless interactions across diverse communication channels.

### FastPay | Web Development | Link

React, Express.js, MongoDB, Tailwind

- Developed **FastPay**, a payment platform enabling seamless transactions with comprehensive **100% transaction control**, ensuring secure and efficient financial operations.
- Designed the front-end using **React** and **Tailwind CSS**, delivering a modern and responsive user interface, enhancing code **readability by 45%**.
- Architected the back-end with **Express.js and MongoDB**, providing robust and scalable server-side functionality.

## ACHIEVEMENTS

- Patent** for Parkinson's Disease Detection using Machine Learning with XGBoostClassifier providing an accuracy of 89.74%.
- LeetCode**: Global ranking under 20k, 400+ days streak, 900+ problems solved, highest rating 1729.
- CodeForces**: Highest Rated 1188, 200+ problems solved.
- CodeChef**: 2 Star, highest rating of 1474.
- AtCoder**: 10-Kyu, with global ranking under 50k.

## SKILLS

### Programming Languages:

Java, JavaScript, TypeScript, Python, SQL, C++, C

### Libraries/Frameworks:

Spring, Swing, React, Express, Next.js, Redux, TailWind CSS, Prisma

### Tools/Platforms:

IntelliJ IDEA, Linux/Unix, GitHub, Docker, Postman

### Databases:

MySQL, Supabase, PostgreSQL, MongoDB