

# PRINCE KUMAR SINGH

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## Education

I. K. Gujral Punjab Technical University, Mohali Campus

Aug. 2019 - July 2023

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.16/10

## Experience

Mind2web LLP

Aug. 2023 - Present

Software Engineer

Mohali, Punjab

- Performed data migration from **MySQL to MongoDB**, leveraging custom API endpoints.
- Optimized the data migration codebase and ensured seamless data synchronization by consistently updating datasets in MySQL and MongoDB, achieving **90% uptime** and meeting client requirements for real-time **data accuracy**.
- Implemented **CRUD (Create, Read, Update, Delete)** functionality in **MongoDB using Node.js**
- Identified and resolved critical security vulnerabilities in the existing Node.js codebase, **eliminating memory leakage issues** and enhancing application stability, resulting in around **75% reduction in system crashes and downtime**.

## Projects

Mingley | *HTML, CSS, JavaScript, jQuery, AJAX, PHP, MySQL, Bootstrap*

Github

- Created a comprehensive **admin panel** with functionalities for managing user accounts, including **updating, deactivating, and deleting accounts**. Integrated real-time analytics for **tracking total active, deleted, and deactivated users**.
- Used AJAX and jQuery to **minimize page reloads**, improving user experience. Implemented both **client-side and server-side validations** to ensure accurate form submissions and data integrity.
- Developed a user registration system with email and password **authentication**, allowing users to quickly **start posting content like text and images**. Integrated **like and comment features** to promote user engagement.
- Implemented social networking features such as **following or unfollowing other users, direct messaging, and a user search functionality** to find and connect with other members. Users could also **update and delete (soft-deletion) their profiles**.

Uniclub | *HTML, CSS, JavaScript, NodeJS, ReactJS, NextUI, MongoDB, Figma*

Github

- Developed a web application **to manage college clubs**, enabling centralized control over club activities. Implemented features **for sharing event information, posting club-related updates, and assigning club presidents** via an admin panel.
- Built the project using a modern technology stack, including ReactJS, NodeJS, JavaScript, HTML, CSS, and NextUI. Leveraged these technologies to ensure a robust and interactive user experience. **Used MongoDB to store and manage user data**, ensuring scalability and efficient data handling.
- Got a chance to **lead the project as a project leader**, overseeing development tasks, team coordination, and project timelines. **Played a key role in guiding the team** through project planning, design, and execution phases.
- Created an intuitive and **user-friendly UI using Figma**. Ensured the design should have a seamless user experience for club members and administrators.

## Technical Skills

**Languages:** C, C++, HTML/CSS, JavaScript, SQL, PHP, jQuery

**Frameworks/Libraries:** NodeJS, ReactJS, React Native, NextUI, Bootstrap, Tailwind CSS, AJAX

**Technologies:** Linux, GitHub, MongoDB, MySQL, Figma, Canva

**Developer Tools:** VS Code, Sublime Text, Android Studio

## Achievements

Hacktoberfest

Nov. 2022

Final level achiever

[Badge Link](#)

- Contributed successfully to the **final (4th) level of Hacktoberfest 2022**, earning a badge for outstanding performance. This involved active participation in **open-source software development**, collaborating with the global developer community, and providing valuable code contributions.

Competitive programming

2023 - Present

Best Global Rank: 123

[Codechef Profile](#)

- Achieved a **Global Rank of 123 in START98D** contest on Codechef.
- Earned a **2-star rating** on CodeChef.
- Solved **over 250 problems** on CodeChef, Leetcode, and GeeksforGeeks, successfully.