PRINCE KUMAR SINGH

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ABOUT

Focused on creating seamless user experiences through innovative design and coding. Dedicated to continuous learning and professional growth. Let's connect to build impactful software solutions together.

EDUCATION

IKGPTU, *B.Tech. in Computer Science and Engineering*   CGPA: 8.16 / 10   July 2023

EXPERIENCE

Mind2web LLP, *Software Developer*   August 2023 - Present

- Performed data migration from MySQL to MongoDB, leveraging custom API endpoints. This transition streamlined data management processes, enhancing client efficiency and scalability.
- 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, boosting data management capabilities and operational efficiency.
- Identified and resolved critical security vulnerabilities in the Node.js codebase, **eliminating memory leakage issues** and enhancing application stability, resulting in a **25% reduction in system crashes and downtime.**

SKILLS

Languages	JavaScript, HTML, CSS, PHP, jQuery, AJAX, C++, Git, LaTeX
Frameworks / Libraries	NodeJS, ReactJS, React Native, NextUI, Bootstrap, Tailwind CSS
Tools	Linux, MongoDB, MySQL, GitHub, Figma, Canva

PROJECTS

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

- Developed an admin panel with functionalities for managing user accounts **(updating, deactivating, deleting)** and integrated real-time analytics, tracking metrics such as total active, deleted, and deactivated users, improving management efficiency by 90%.
- Enhanced user experience by implementing AJAX and jQuery to minimize page reloads, leading to a **25%** increase in session duration and a **15%** decrease in bounce rates within 3 months.
- Implemented a user registration system with email and password authentication, enabling users to post text and images. Integrated like and comment features, increasing user engagement by 40%.
- Developed social networking features, including follow/unfollow, direct messaging, and user search, enhancing user connectivity by 50%. Enabled users to update and delete profiles, improving user satisfaction by 35%.

UniClub | HTML, CSS, JavaScript, NodeJS, ReactJS, NextUI, MongoDB   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**.
- Developed a project leveraging ReactJS, NodeJS, JavaScript, HTML, CSS, and NextUI, to ensure a robust and interactive user experience. Implemented MongoDB for efficient data management, enhancing data handling speed by 30% and ensuring scalability.
- Directed my project team through development tasks, ensuring adherence to timelines and achieving a 20% improvement in project efficiency. Guided the team through comprehensive project planning, design, and execution phases, resulting in a 15% reduction in development time.
- Designed an intuitive and user-friendly UI using Figma. Crafted a seamless user experience for club members and administrators, optimizing task completion times by 30%.

ACHIEVEMENTS

Hacktoberfest | 2022   Badge Link

- Achieved recognition in Hacktoberfest 2022 (4th level) by delivering valuable code contributions and actively participating in open-source software development, earning a badge for outstanding performance.

Competitive programming   Codechef Link

- **Achieved a 2-star rating on CodeChef**, demonstrating proficiency in competitive programming and advanced coding skills.
- **Solved over 250 problems on CodeChef**, Leetcode, and GeeksforGeeks, demonstrating strong analytical and coding abilities.