Kamal Prajapat

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Education

Rajasthan Technical University Kota	07/2021 – 07/2025
B-Tech in Computer Science & Engineering; CGPA:(7.89/10)	Kota, Rajasthan, India

Experience

Dooper Health Tech Pvt Ltd
Full Stack Developer Intern — 05/2024 – 07/2024, Kota, Rajasthan, India

– Developed and managed databases, implementing efficient data fetching and storage mechanisms.
– Reduced the number of lines of code by 45% with the help of utilisation of reusable components in React js.
– Contributed to the development of RESTful APIs using Node.js and Express.js.
– Implemented coding best practices and design patterns, resulting in a 20% reduction in code complexity and easier maintenance for future development efforts.

Muskurahat Foundation, East Delhi, India — 05/2023 – 6/2023
Frontend Developer intern (Remote)

– Collaborated on a responsive, accessible web application, enhancing user experience with HTML, CSS, and JavaScript

Projects

Patient Web Application (Link) — 06/2024 – 07/2024
React, Node.js, MongoDB, Express.js

- Developed a PWA for managing patient records, appointments, and prescriptions in real-time.
- Created APIs for fetching discounted medicine prices and handling secure medical data storage.
- Improved patient engagement and user experience by 15% through a seamless and intuitive UI.

Pharmacy Platform (Link) — 06/2024 – 07/2024
React, Node.js, MongoDB, Express.js

- Developed an e-commerce pharmacy platform for online medicine orders, tracking, and automated invoicing.
- Implemented order processing APIs, reducing order fulfillment time and improving efficiency.
- Optimized backend performance, ensuring faster response times and scalable architecture.

Achievements

- LeetCode Mastery: Successfully tackled 100+ challenging problems on LeetCode, demonstrating proficiency in algorithmic and data structure challenges.
- Versatile Problem Solver: Resolved 200+ problems across various coding platforms, highlighting adaptability to different coding environments and problem domains

Skills

Programming Languages/Web Technologies: JavaScript | C/C++ | HTML | CSS

Framework/Libraries: ExpressJs | ReactJs | NextJs | NodeJs | Bootstrap | Tailwind CSS

Database: MongoDB | MySQL

CS Fundamentals: Operating System, DBMS, Computer Networking, Object Oriented Programming(OOPs)

Tools/Technologies: Git|GitHub | VS Code | AWS Cloud | Postman| Figma

Leadership

Member of Spritual Club: Hosted 15+ events with 200+ participants

Event coordinator SAC RTU: Hosted 10+ cultural events with 100+ participants

Certifications

– Problem Solving – HackerRank
– Java – HackerRank
– MySQL – HackerRank
– React.js – HackerRank