

JAY PRAKASH KUSHWAHA

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EDUCATION

Indian Institute of Information Technology, Bhopal
B.Tech. - Computer Science and Engineering

Dec 2020 – Jun 2024
CGPA: 8.77

EXPERIENCES / INTERNSHIP

NinjaCart

May 2023 – Jul 2024

Software Developer Intern

Bengaluru, Karnataka

- Developed responsive web pages using ReactJS and Tailwind CSS, enhancing the user interface and user experience across multiple devices, leading to a 20% increase in user engagement and satisfaction.
- Implemented Redux, React Router, and Hooks to streamline API fetching and enhance application state management, resulting in a 30% improvement in application performance and reducing load times by 15%.
- Engineered UI automation scripts with WebDriver IO and Jest, reducing bugs by 25% and accelerating release cycles by 10%, enhancing overall testing efficiency.

GeeksForGeeks

Oct 2023 – Mar 2024

Technical Content Writer

Remote

- Written several technical articles including DSA problems which got published on the GFG site.
- Improved 150+ articles by adding code snippets in multiple programming languages and introduced new approaches to the problems which enhanced the solution and made it easy to understand.

PROJECTS

Car Rental App | MongoDB, Express, React, Node.js, Redux, Bootstrap

[GitHub](#) | [Live](#)

- Engineered a high-performance full-stack car rental web application using React and Express.
- Crafted advanced search filters, secure user authentication, and advance booking functionalities.
- Optimized application responsiveness and interactivity, increasing user satisfaction and engagement by 30%.

Portfolio | React, JSX, CSS, JavaScript

[GitHub](#) | [Live](#)

- Created an engaging personal portfolio with React, showcasing coding accomplishments and over 10+ projects.
- Developed a responsive interface with intuitive navigation and interactive project displays.
- Highlighted technical skills and project work through engaging content and visually appealing design.

Real Time Driver Drowsiness Detection System | CV2, Dlib, NumPy, Imutils

[GitHub](#)

- Built a real-time driver drowsiness detection system, utilizing computer vision and machine learning to achieve 95% accuracy.
- Engineered continuous monitoring of facial and eye movements, analysing over it to identify drowsiness.
- Implemented an alert system to notify drivers upon detecting signs of drowsiness.

ACHIEVEMENTS AND CERTIFICATES

- **3 stars on CodeChef** - [CodeChef Id](#) : [April Long One 2022, Division 3 \(Rated\)](#) – **Global Rank: 22**
- **Foundation For Excellence (FFE) Scholar**
- **500+ problems solved on different Coding Platforms.**

SKILLS

- **Programming Languages:** C++ | Java | Python
- **Web Development:** React | NodeJS | Html | CSS | Tailwind CSS | JavaScript
- **Database:** MySQL | MongoDB
- **CS Fundamentals:** Object Oriented Programming | Operating System | DBMS | Computer Networks
- **Learning other Skills:** System Design
- **Languages:** English and Hindi(native)

AREA OF INTERESTS

- **Full Stack Web Development**
- **Coding - Data Structures and Algorithms and Competitive Coding**

EXTRA-CURRICULAR ACTIVITIES

- **Hobbies** - Art & drawing, creativities and Playing cricket.
- **Management** - Good in Management as I have managed many events and program during college.