

KASHISH BHARDWAJ

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PROFESSIONAL EXPERIENCE

INTERNSHALA TRAININGS

Web Development Intern

Remote

July 2023 – September 2023

- Developed a full-stack PG accommodation search platform using React.js, JavaScript, PHP, and SQL, providing an intuitive and efficient user experience.
- Implemented advanced search and filtering functionalities, improving user engagement by 50% and reducing search time by 40%. Optimized database queries, decreasing server response time by 25%, leading to smoother application performance. Designed a responsive UI, ensuring cross-browser compatibility and accessibility, increasing mobile user retention by 20%.

IIT MANDI IHUB AND HCI FOUNDATION

QAI and DQA Trainee

Mandi, Himachal

August 2024 – November 2024

- Conducted large-scale data preprocessing and AI model training, improving data consistency and accuracy for machine learning applications. Developed AI-driven data validation pipelines, reducing data inconsistencies by 25%, ensuring high-quality training datasets.
- Optimized ML models by applying hyperparameter tuning and feature engineering, decreasing inference time by 30% while maintaining high accuracy. Designed automated testing scripts to improve data quality assessment, reducing manual review time by 40%.

EDUCATION

COER UNIVERSITY

Bachelor of Technology (B.Tech), Major in Computer Science

Roorkee, Uttarakhand, India

September 2022 – Present

- CGPA-7.3/10(Present)

ST. ANN SENIOR SECONDARY SCHOOL

HIGH SCHOOL

Roorkee, Uttarakhand, India

April 2019 – March 2022

- 12th - 72%
- 10th - 82%

PROJECTS

PERSONAL PORTFOLIO WEBSITE

- Created and coded a completely responsive one-page portfolio website with projects, skills, and experience.
- Used dark/light theme switching, smooth navigation scroll, typing effect, and page transitions for a refined user experience.
- Added interactive elements such as preview resume, contact form using EmailJS. Ensured performance and accessibility on devices, providing an optimal experience for desktop and mobile users.

SMART PARKING MANAGEMENT SYSTEM

- Worked together on a full-stack Smart Parking Monitoring System with the ability to identify 60+ parking spaces in real-time through video processing and computer vision..
- Created and implemented a user-friendly and responsive frontend dashboard for visualizing available parking slot in real-time and incorporated dynamic feedback from Firebase in less than 1 second.
- Integrated visual notifications (e.g., color-marked slots, counters) for showing real-time slot status through smooth UI/UX interactions. Collaborated extensively with the backend team to integrate REST APIs and WebSocket-like updates to mirror live data changes on the frontend dashboard.

FACE RECOGNITION ATTENDANCE SYSTEM

- Designed and created a responsive and user-centric frontend interface for a biometric facial recognition attendance solution using contemporary HTML, CSS, and JavaScript.
- Worked alongside backend developers to visualize real-time facial recognition, liveness verification (blink checking), and marking attendance through a smooth web UI.
- Developed interactive dashboards to present live camera streams, attendance records, and analytics reports in a readable and accessible way. Enforced form validations, user face enrollment registration UI, and dynamic updates for attendance confirmation messages.
- Worked on UI enhancements to facilitate full ERP integration, such as features like SMS notifications and extended reporting, which were planned.

SKILLS

- Programming Languages- Java, Python, Machine learning
- Web Development - HTML, CSS, JavaScript, React, Bootstrap
- Databases – MYSQL, SQLite,
- Tools – Power Bi, Git, Jupyter Notebooks
- Soft Skills: Problem Solving, Team Collaboration, Time management, Multitasking