KASHISH BHARDWAJ

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WORK EXPERIENCE

INTERNSHALA TRAININGS — **Remote**
Web Development Intern — **July 2023 – September 2023**

- Created a full-stack Paying Guest (PG) accommodation search platform using React.js, JavaScript, PHP, and SQL, serving 500+ users and reducing search time by 30% with an intuitive interface.
- Implemented advanced search and filtering functionalities, improving user engagement by 50%. Optimized database queries, decreasing server response time by 25%, leading to smoother application performance. Built a responsive UI, ensuring cross-browser compatibility and accessibility, increasing mobile user retention by 20%.

IIT MANDI iHUB AND HCI FOUNDATION — **Mandi,Himachal**
QAI and DQA Trainee — **August 2024 – November 2024**

- Conducted large-scale data preprocessing and AI model training, improving data consistency and accuracy for machine learning applications. Formed 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 — **Roorkee, Uttarakhand, India**
Bachelor of Technology (B.Tech), Major in Computer Science — **September 2022 – Present**

- CGPA-7.4/10(Present)

ST. ANN SENIOR SECONDARY SCHOOL — **Roorkee, Uttarakhand, India**
HIGH SCHOOL — **April 2019 – March 2022**

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

PROJECTS

PERSONAL PORTFOLIO WEBSITE

- Created and coded a 100% responsive one-page portfolio website in HTML, CSS, and JavaScript, showcasing 6+ projects, skills, and work 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.

ANDROID MALWARE DETECTION SYSTEM USING MACHINE LEARNING

- Trained a stacking ensemble model (Logistic Regression, Random Forest, SVM) achieving 84.2% accuracy and 96.93% recall for Android malware detection with minimized false negatives.
- Engineered a multi-phase pipeline using permission and behavioral analysis with Gradient Boosting-based feature selection and custom thresholds for risk-level classification.
- Deployed a scalable malware detection system on 30,000+ apps using probability-based classification and meta-learning for enhanced real-world threat robustness.

FACE RECOGNITION ATTENDANCE SYSTEM

- Developed a real-time Flask-based Face Recognition Attendance System using OpenCV and NumPy, automating authentication and reducing manual effort by over 90%.
- Styled and implemented 10+ scalable RESTful APIs for user registration, attendance tracking, analytics, and admin operations, enhancing system modularity and accessibility
- Built secure facial recognition pipelines with CSV export and analytics features, supporting 100+ users and delivering daily actionable attendance reports.

SKILLS

- Languages- Java, Python
- Web - HTML, CSS, JavaScript, React,Bootstrap,Three.js, Wordpress
- Databases – MYSQL, SQLite,
- Tools – Power Bi, Git, Jupyter
- Concepts: Machine Learning
- Soft Skills: Team Collaboration, Task Prioritization, Multitasking, Critical Thinking