SHASHANK V KASHYAP

+91-9845997740
SHASHANKVKASHYAP03@GMAIL.COM
https://www.linkedin.com/in/shashank-v-kashyap-7a6254315/
https://github.com/shashankvkashyap

OBJECTIVE

Aspiring Computer Science Engineering student seeking opportunities to apply my skills in software development and technology. I am eager to take initiative on innovative projects, deliver impactful results, and contribute to a dynamic team. I look forward to working on deliverable projects and learning from industry professionals.

SKILLS & ABILITIES

- Programming Languages: Python, Java, C
- Web Technologies: HTML, CSS, JavaScript, Django
- Tools and Frameworks: OpenCV, Ethereum, Web3.js
- Database: MySQL, SQLLITE
- Operating Systems: Ubuntu, Windows,kali linux
- Artificial Intelligence: Machine Learning, Neural Networks, AI Project Development
- Other: Blockchain Technology
- Version control: GIT
- Android SDK (Core java and XML)

PROJECTS

1. Institute Management System (DBMS):
   - Description: An Institute Management System to handle student records, faculty details, and administrative tasks. The system was implemented using XAMPP and Apache Server.
   - Technologies Used: XAMPP, Apache Server, MySQL, PHP
   - Duration: Completed the project in 2 months.

2. Accessory Virtual Try-On System:
   - Description: An Virtual try-on system for accessories such as glasses, hats, and masks. The system features real-time video processing, face and eye detection, and accessory overlay.
   - Key Features: Real-time video processing, face and eye detection with Haar cascades, accessory overlay, and smoothing algorithms to reduce flickering.
   - Technologies Used: Python, OpenCV
   - Duration: Developed the system over 2 weeks.

3. Ethereum Exchange Web 3.0 Project:
   - Description: An Ethereum exchange platform for buying, selling, and transferring Ethereum, and viewing blockchain changes.
   - Key Features: Wallet for managing transactions, integration with blockchain, GIF for visualizing transactions.
   - Technologies Used: Ethereum, Web3.js
   - Duration: Completed the project in 2 months.

PROFESSIONAL EXPERIENCE

Android Developer Intern
Parjanya Creative Solutions, Bangalore | September 2024 – Present

- Currently working on **Indian audio stories for kids**, an application available on Android (Play Store) and iOS platforms, allowing children to listen to classic **Panchatantra stories** in three different languages (, Kannada, Hindi and Tamil). The app is designed to promote cultural heritage and linguistic diversity in an engaging audio format.
- Enhanced **Android app development** expertise, working extensively with **Java**, **XML**, and **Android SDK** to create an immersive user experience tailored for children.
- Optimized the **UI/UX** for better accessibility, focusing on mobile usability for younger audiences, ensuring that the interface is intuitive and user-friendly.
- Worked on **API integration** to fetch story content from cloud-based storage and implemented **data persistence** using **Room Database**, ensuring efficient offline playback for users with intermittent connectivity.
- Applied advanced **debugging** and **performance profiling** techniques to improve app responsiveness and minimize memory usage, especially in handling audio playback and background processing.
- Integrated multilingual audio playback functionality, using **MediaPlayer API** for seamless audio control and **localization** to dynamically adjust app content based on the user's selected language.
- Link to access the app – https://play.google.com/store/apps/details?id=com.parjanya.katharoom

ACHIEVEMENTS

- Member of IEEE, Maharaja Institute of Technology Student Chapter
- Member of Institute of Innovation Council (IIC)

HACKATHONS

Gamathon - I developed a simple 2D game in 24 hours using Unity and visual scripting. This project demonstrated my skills in game development and creative problem-solving. I utilized various technologies, including Photoshop for backgrounds, Blender for characters and supporting materials, and Audacity for audio. This experience enhanced my ability to work under pressure, collaborate with team of 4.

DroneHackathon - I developed a miniature surveillance drone using Arduino and ESP, specifically a quadcopter, in 8 hours with a team of 4 members during this competition. This project allowed me to explore drone technology and practical applications of surveillance systems, gaining hands-on experience in drone design, implementation, and operation.

WORKSHOPS

•Cybersecurity Workshop

Description: Attended a 1-week workshop focused on network security and ethical hacking. Gained practical knowledge in identifying vulnerabilities, securing networks, and implementing ethical hacking techniques.

•AI and Machine Learning Workshop

Description: Participated in a 3-day workshop covering the fundamentals and applications of AI and machine learning. Learned about model building, training, evaluation techniques, and how to apply these methods to solve real-world problems.

•UNIX Workshop

Description: Engaged in a 4-day workshop to deepen my understanding of UNIX operating systems. Enhanced skills in system administration, shell scripting, and navigating UNIX environments.

•C Programming Workshop

Description: Attended a 2-week workshop on C programming, where I learned fundamental concepts and advanced techniques in C.

•Advanced java workshop

Description: attended a 2-day workshop on advanced java, focusing on advanced programming concepts, design patterns, and java-based application development.

EDUCATION

BACHELORS OF ENGINEERING IN COMPUTER SCIENCE ENGINEERING
Maharaja Institute of Technology Thadavapura, Mysore

- Current Semester: 7th
- CGPA: 8.9