Akshay Chame

✉ akshaychame2@gmail.com   📞 9834524009   📍 Pune , Maharashtra   in Akshay Chame   ⊙ akshayram1

PROFILE

Actively seeking a responsible position within an organization that offers opportunities for personal growth, skill enhancement, and allows me to contribute towards the overall development of the organization.

EDUCATION

Bachelor of Technology in Computer Science   11/2022 – present
Vishwakarma Institute Of Technology   Pune, Maharashtra

Diploma In Computer Engineering   08/2019 – 05/2022
Puranmal Lahoti Government Polytechnic   Latur, Maharashtra
(Per : 94.97)

PROJECTS

Controlling Electrical Appliances Using AR and IOT
(Augmented Reality (AR) Internet of Things (IoT) Mobile application development (Android/iOS) Cloud computing Wireless communication protocols)

- Developed an innovative AR and IoT-based system for remote control of electrical appliances, reducing physical contact during the COVID-19 pandemic.
- Created a user-friendly interface leveraging AR and IoT technologies, enabling remote interaction, monitoring, and control of appliances, promoting a touchless and safer environment amid the COVID-19 crisis.

Location Tracker using A9g board for dementia patient
(A9G board Global Positioning System (GPS) Microcontroller programming User interface design Wireless communication (e.g., GSM) Real-time location tracking)

- Created a location finder system using A9G board to ensure the safety of dementia patients by offering real-time GPS-based location tracking with SOS calling via sim.

Deepfake detection for videos using neural network
(Neural networks (specifically deep learning) Video processing and analysis , Python, Django , Deep learning frameworks (PyTorch) GPU acceleration for efficient model training , Dataset collection and preprocessing)

- Created a deepfake detection system using neural networks to combat misinformation and safeguard the authenticity of video content.
- Created a real-time deepfake detection model using advanced deep learning for reliable identification of fake videos.

Tourism Promoting Website using Three.js
(Three.js ,HTML5, CSS3 ,JS ,WebGL ,JSON)

- Created a captivating tourism website using Three.js, offering interactive 3D virtual tours and stunning visuals to promote popular tourist destinations.

PicConnect - Empowering Visual Connections with Advanced Social Media Features
(ReactJS, Google Authentication, React Router, React Context or Redux, CSS, Image search and filtering techniques, Sanity.io for backend data storage and retrieval)

- Experience the best image sharing social media app with Google Authentication, post management, like/comment functionality, powerful image search, and more, built using ReactJS.

AI Enabled Water Well Prediction
Developed a user-friendly web and app system leveraging CGWB data to provide AI-driven insights on water well feasibility, depth, discharge, drilling techniques, groundwater quality, and incorporated structured user feedback.

ACHIEVEMENTS AND CERTIFICATIONS

- Winner of Smart India Hackathon 2023 **'AI Enabled Water Well Prediction'** 🔗 **(Leader of winning team)**
- Got Bronze medal at National Level **Foundation AI - VILT** 🔗 organized by Ministry of Electronics and Information Technology
- Received offer letter for the position of **Diploma Trainee at L&T** 🔗

EXTRA CURRICULAR ACTIVITIES

Microsoft Learn Student Club   04/2023 – present
Coordinator in IOT   VIT, Pune

Game Dev + Club   04/2023 – present
Game Developer (unity 3D)   VIT, Pune

PUBLICATIONS

Controlling Electrical Appliances Using IoT and AR 🔗   04/2022
International Research Journal of Engineering and Technology IRJET
Focused on integrating IoT and AR, this paper explores remote control applications for electrical appliances. Presented at an international conference, it showcases the author's proficiency in emerging technologies and innovative solutions for home automation.

A9G-based Dementia GPS Tracker 🔗   26/10/2023
International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)
- This paper details the development of a GPS tracker using the A9G module, specifically designed to aid individuals with dementia. Presented at an international conference, it signifies a significant contribution in the field of assistive technology.

Tourism Promotion Website Using Three.js   09/2023
Recent Trends In Programming Languages
Highlighting the application of Three.js, this paper discusses the use of 3D graphics for enhancing a tourism promotion website. Its presentation at an international conference underscores the author's commitment to leveraging technology for practical applications in tourism marketing.