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Skills

- App Development
- Machine Learning
- Data Analytics
- Project Management
- Open Source Collaboration

Education And Training

Expected in 05/2026

B.Tech:

Computer Science With
Specialization in AI/ML

SRM Institute Of Science And Technology

Kattankulathur

Vishruth Rajmohan

Summary

Results-driven developer with a proven track record of innovation and leadership. Adept at driving collaborative development efforts, as evidenced by leading a victorious team in Kavach Government Cybersecurity Hackathon. Spearheaded the creation of a machine learning model for image classification during the hackathon, showcasing expertise in advanced technologies. Currently, a pivotal member of Alexa Developers SRM, leading app development, managing teams, and fostering cross-functional collaboration. Passionate about leveraging emerging technologies, currently focused on integrating Alexa with Large Language Models to enhance educational experiences. Proven ability to deliver impactful solutions while championing innovation and technical excellence.

Experience

Kavach 2023 Government Cybersecurity Hackathon - Winner

Chennai, India

07/2023 - 08/2023

1. Developed and trained a high-performance image classification model achieving a remarkable 90% accuracy rate by leveraging Python and TensorFlow, effectively processing video frames frame-by-frame for accurate and real-time classification.
2. Successfully implemented a state-of-the-art obscenity blocker NLP model for a web extension, enhancing online content filtering and promoting a safer online environment.
3. Utilized the computational power of CINETEL's NVIDIA DGX A100 for accelerated model training, demonstrating proficiency in leveraging cutting-edge hardware for machine learning tasks.
4. Demonstrated a strong ability to work on end-to-end machine learning projects, from data preprocessing and model development to deployment, showcasing skills in both computer vision and natural language processing on a professional level.

Digizest Hackathon - Winner

Chennai

09/2023 - 09/2023

1. Developed a multifunctional app using Flutter for the hackathon that enables users to interact vocally and through chat with ChatGPT for conversation and device control. The app also features integrated facial detection and recognition using the DeepFace library in Python, allowing for personalized device settings upon entry and intruder detection for security enhancement.
2. Utilized motion detection within the app to automate the management of IoT devices, effectively turning them off when no motion is detected in a room, thereby improving energy efficiency and user convenience.
3. Implemented a robust backend system that seamlessly connects all app functionalities, ensuring a smooth user experience and efficient communication between ChatGPT and IoT devices.
4. Designed ChatGPT responses to include actionable suggestions for modifying device settings based on the conversation, creating a holistic and user-friendly smart home experience with a tech stack that leverages Flutter and Python's DeepFace library for facial recognition.

Alexa Developers SRM - Technical Executive

Chennai, India

04/2023 - Current

1. Technical Leadership and Team Management:
 - Successfully leading the app development division as a Technical Executive at Alexa Developers SRM, efficiently managing a team of developers to ensure streamlined progress and effective collaboration.
2. Event Attendance QR Scanner:
 - Designed and implemented an innovative QR code-based event attendance scanner, optimizing the tracking process and enhancing event management within the student club.
3. Open Source App Development:
 - Taking the lead in developing an open-source app similar to Linktree, aiming to provide users with a consolidated platform for sharing online profiles, thereby contributing to the open-source developer community.
4. Alexa Skill with LLM Integration:
 - Currently working on an advanced Alexa skill that integrates Large Language Models (LLMs) like ChatGPT, leveraging voice technology to make Alexa an intelligent tool and showcasing a forward-thinking approach to technology.