Diraj Naik

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EDUCATION

Rosary College of Commerce and Arts Navelim   Goa
Bachelor of Computer Applications   *2020-2023*

EXPERIENCES

Hoarus Consultancy Private Limited — Cybersecurity Penetration Tester

Panjim, Goa

- Worked in various areas of Cybersecurity with a specific focus on wireless network vulnerabilities. Gain practical experience with industry-standard security tools such as Hak5 tools, Metasploit, Wireshark, Nmap. Learn how to use these tools to identify vulnerabilities, exploit weaknesses, and analyse network traffic in real-world scenarios. contributions to the development of an IoT-based mini project centred around hardware, such as Raspberry Pi and ESP32, with a particular emphasis on enhancing cybersecurity measures. Achievements

PROJECTS

Drowsiness Detection System Using Machine Learning and Computer Vision | *IoT, Python, OpenCV*   link

- The system uses a Pi camera module connected to the Raspberry Pi to capture the driver's face. The Raspberry Pi processes the image data to detect the position of the driver's eyes and face using OpenCV library. The system then uses machine learning algorithms to analyse the images of the driver's eyes and determine if they are open or closed. If the driver's eyes are closed for a certain duration or if the head tilts too much, it sends an alarm signal to alert the driver or take action. The system can be configured to send alerts via email, text messages or make sound alarms. It is a cost-effective solution that can be easily installed in any vehicle, enhancing safety on the road.

ACHIEVEMENT

Introduction to Android Mobile Application Development - Meta, Coursera

- - Completed "Introduction to Android Mobile Application Development" course on Coursera, offered by Meta - Attained foundational knowledge in Android app development, including Android Studio interface, configurations, and built-in tools - Proficient in using Kotlin Playground for Android app development - Successfully developed a simple Android app and constructed a video player app in Android Studio - Demonstrated expertise in mobile app principles, Android platform ecosystem, layouts, views, and project planning - Engaged in 11 quizzes, discussions, and readings to reinforce learning - Earned a shareable certificate and integrated it into LinkedIn profile - Received commendations and high ratings from instructors and peers - Equipped with skills necessary for a career in mobile development

TECHNICAL SKILLS

Java:
Kotlin:
OOPs:
Android Studio:
MVVM:
Compose: