

PRANESH KRISHNAN

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EXPERIENCE

Software Developer Internship -HARMAN INTERNATIONAL PVT LMT(Automotive)

(February 2024 -Present)

Enhanced Vulnerability Reporting and UI Development

- Developed a new report within the Harman vulnerability tool, utilizing NVD (National Vulnerability Database) scraping to improve understanding of CVE (Common Vulnerabilities and Exposures) fixes for the audio team.
- Enhanced the user interface of the Harman tool, streamlining access to critical security information for the security team.
- Implemented Excel formatting within the tool reports, allowing the program team to easily filter and analyze CVE data.
- Collaborated on CVE scanning and database integration, ensuring accurate and comprehensive retrieval of CVE details.
- Automated the extraction of tables from PDF reports hosted on Confluence, integrated the data into Confluence pages, and provided detailed insights for the Harman's Karle Dashboard.

Key Technologies Used:

Embedded Python, HTML, CSS, JavaScript, Excel (XLSX), Data Integration, Linux

TECHNICAL SKILLS

Languages : Python ,SQL, Html, Css, Javascript ,Basics of Java

Cyber Security : Vulnerability Assessment

OS : Linux,Windows

Soft Skills : Team Collaboration,Team Player,Problem-Solving,Time Management

CERTIFICATIONS

- UDEMY - Java Course Completion Certificate - ([Certificate](#))
- GUVI-Python Completion Certificate -([Certificate](#))

PROJECT

FACE MASK DETECTION

The main goal of the project is to propose a suitable, high-accuracy model that would make mask identification straightforward throughout the pandemic. The suggested method is unique in that it classifies images using the MobilenetV2 image classifier, resulting in more accurate results. With the help of computer vision and deep learning, this face mask detector can be deployed in many areas such as shopping malls, airports, and other high-traffic areas to monitor the public and prevent the spread of disease by detecting whether the person on the image/video stream is wearing a face mask or not.

WEBSITE LINKS

🌐 Portfolio link : <https://praneshkrishnan5.000webhostapp.com>

🐙 Github link : <https://github.com/Praneshkrishnan134>

AWARDS

- SCHOOL TOPPER(SSLIC)-AWARDED BY JCI
- DISTRICT LEVEL FOOTBALL REPRESENTATION(2016,2017)

EDUCATION

- MSC SOFTWARE SYSTEMS(INTEGRATED)
Sri Krishna Arts And Science College(2018-2023)
CGPA-8.4
- HSC
SVN Matric Higher Secondary School(2016-2018)
Percentage: 89%(1068/1200)
- SSLC
Hillfort Matric Higher Secondary School(2015-2016)
Percentage: 94%(472/500)