

Vishwesh Patil

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EDUCATION

SCTR'S Pune Institute of Computer Technology	Pune
Bachelor of Engineering in Computer Engineering	Aug. 2022 – Aug. 2026
Maharashtra State Board of Secondary & Higher Secondary Education	Jalgaon
Percentage: 83.17%	Aug. 2020 – Jul 2022
Central Board of Secondary Education	Jalgaon
Percentage: 94.4%	Jul 2020

PROJECTS

Malware Detection using Artificial Neural Networks (ANN) <i>Python, TensorFlow, Keras</i>	Aug. 2024 – Nov. 2024
<ul style="list-style-type: none">Developed an Artificial Neural Network (ANN) model to classify files as either malware or legitimate using a Kaggle dataset.Preprocessed the dataset by extracting features from file headers, byte sequences, and system calls for effective model training.Implemented and fine-tuned the ANN model using TensorFlow and Keras, experimenting with different architectures to optimize performance.Evaluated model performance with metrics such as accuracy, precision, recall, and F1-score to ensure reliable classification.Optimized model inference speed and fine-tuned hyperparameters to minimize false positives and false negatives.	
Virlinx <i>Python, Flask, HTML, CSS, JavaScript</i>	Jan. 2024 – Apr. 2024
<ul style="list-style-type: none">Developed a desktop application using Flask, MediaPipe and OpenCV to control PC functions with hand gestures.Implemented hand-tracking and gesture recognition using MediaPipe for intuitive user interaction.Utilized OpenCV for real-time video processing and gesture detection.Created a responsive Flask-based interface for easy configuration and customization of gestures.Enhanced user experience by providing hands-free control over various PC operations.	
Locatify <i>Kivy, KivyMD, Python</i>	Apr. 2023 – June 2023
<ul style="list-style-type: none">Developed a mobile app using Kivy and KivyMD for task tracking and notifications.Implemented real-time notifications based on user location, date, and time.Designed an intuitive user interface using KivyMD for enhanced user experience.Integrated geofencing and scheduling features for personalized task management.Enhanced user productivity by ensuring timely task reminders.	

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (MySQL), JavaScript, Kotlin
Frameworks: React, Node.js, Flask, kivy, Android SDK
Developer Tools: Git, Android Studio, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

CERTIFICATIONS

Unlocking Java: Core Java, J2EE and Android Essentials