

Vignesh R A

Software Developer

Motivated software developer with strong proficiency in Java and Python, alongside experience with Pandas, Numpy, and Java Packages. Adept in using GIT, VS Code, Jupyter Notebook, and MySQL. Eager to contribute my skills in software development and database management within a progressive organization.



✉ vigneshanbalagan930@gmail.com

🌐 linkedin.com/in/vignesh270803

📞 9444812607

🐙 github.com/iamvignesh27

EDUCATION

Bachelors Of Technology (Artificial Intelligence and Data Science)

Panimalar Engineering College

2021 - Present

8.69

Higher Secondary Education

Sacred Heart Convent A.I Higher Secondary School

2020 - 2021

92.29%

Secondary Education

Sacred Heart Convent A.I Higher Secondary School

2018 - 2019

89.6%

PERSONAL PROJECTS

AIR GESTURE - DEVELOPING OF GESTURE CONTROLLED MOUSE (Open CV , CNN, Python)

- A virtual mouse system leveraging hand and fingertip tracking via webcam using MediaPipe and OpenCV in Python. It employs convolutional neural networks (CNNs) to classify hand motions for predicting mouse movements, emphasizing improved HCI accessibility and user interaction.
- The study advocates for ongoing research to enhance gesture detection and refine human-computer interaction.

Chatbot: A New Way to Access Dermatology Care

- Developed a chatbot using deep learning to diagnose skin conditions from images, providing accurate diagnostic information and recommendations.
- Integrated NLP algorithms for interactive responses and implemented feedback mechanisms for continuous improvement.

AUTOMATIC DIAGNOSIS OF HAIR DISORDERS USING DEEP CNN

Implemented by training a deep learning model on a large dataset of labeled hair disorder images. The model analyzes input images, extracting features and patterns to accurately classify and diagnose various hair conditions.

SKILLS

Programming Languages: Core Java, Python

Libraries/Frameworks: Pandas, Numpy, Java Packages

Tools / Platforms: GIT, VS Code, Jupyter Notebook, MySQL

Databases: SQL, CRUD Operations, Joins

INTERNSHIP

Web Development - Zigson Technologies(12/2023 - 01/2024)

- During my web development internship, I gained hands-on experience in building and optimizing websites using HTML, CSS, JavaScript, and responsive design principles.

Robotics Intern - Kodacy

- Assisted in the development and programming of robotics systems, gaining hands-on experience with robotics software. Utilized Java and Python to design and implement algorithms for robotic control and automation.

ACHIEVEMENTS

Won First Place in a College Quiz Competition on Artificial Intelligence

Participated and provided project insights in Panimalar Hackathon

State Football Player and District Champion

CERTIFICATES

Cloud Engineer - Google Cloud

Google Cloud certification validated my ability to design, manage, and deploy secure and scalable cloud solutions using Google Cloud Platform.

Generative AI - Oracle

Acquired essential skills in creating and implementing AI models for various applications.

Data Mining - Nptel

The Data Mining certificate from NPTEL equipped me with foundational knowledge in extracting patterns and insights from large datasets.