

Dijasmit Patil



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Profile

I am a passionate learner and developer who is constantly eager to pick up new skills. In search of a challenging software engineering career with a company that values hard work and knowledge.

Education

B.Tech in Information Technology

Vishwakarma Institute of Technology

2020 – present | Pune

CGPA : 8.29

Higher Secondary Education

Deogiri College

2018 – 2020 | Aurangabad

Percentage : 80.46

Secondary Education

Maharashtra Public School

2018 | Aurangabad

Percentage : 97.4

Skills

Java

Object Oriented Programming (Java)

DBMS

SQL

MySQL

Operating System

HTML

CSS

Research

Projects

Car Rental System

- An Android application for car rental services developed using Java Language in Android Studio IDE, Users can book a car based on their specific needs, co-travellers, and travel preferences.
- The system has a user-friendly interface, making it easy to operate.

Bank Management System

- Developed a fully Functional Bank Management System as to allow paperless and efficient bank administration and improved customer experience.
- We developed this project using php, HTML, CSS and MySQL database.

Video Regeneration Using Image Diffusion Model

- We developed a novel approach for video editing that combines image diffusion models with frame interpolation techniques. The goal was to enhance video frames and generate high-quality outputs while improving video quality.

Sign Language Translator

- An Android application, a real-time sign language recognition system based on the American Sign Language (ASL) dataset.
- It utilizes Convolutional Neural Network (CNN) algorithms to recognize and translate static hand gestures representing ASL alphabets into textual output.
- An Android application is created to facilitate this system and further convert the text into speech.

Certificates

- Blockchain Beginner
- Patent Confirmation for "A System for Alcohol Detection With Engine Locking System Using Arduino" project. ☑
- "Sign Language Translator for Speech Impaired People" research paper published in IEEE Xplore. ☑
- "Melody Generator Using LSTM With Automated Popularity Prediction" research paper presented in ICMLIP 2023 conference. ☑

Interests

Cricket | E-Sports | Trekking | Drawing

Cooking | Photo & Video Editing