

AVNISH

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Linkedin

Github

LeetCode

EDUCATION

VIT BHOPAL

B.Tech - Computer Science and Engineering - CGPA-8.49

2021 – 2025

BHOPAL, Madhya Pradesh

PAS: Pentecostal Assembly School

Senior Secondary

2019 – 2020

Percentage: 82.16

Guru Gobind Singh Public School

Matriculation

2017 – 2018

Percentage: 80.5

WORK EXPERIENCE

Data Associate Intern | Excel, PDF Extraction, CMD File Creation

2-Month Internship-2025

- Worked at Plyplicker Private Limited, Pune, focusing on extracting product data from image-based PDFs.
- Extracted product details like prices, sizes, and specifications from image-based PDFs.
- Organized extracted data into structured Excel sheets for CMD file generation.
- Ensured high accuracy and consistency in data formatting for seamless integration.
- Coordinated with the backend team to ensure accurate data upload and display on the website frontend.

PROJECTS

Hand Gesture Recognition System | Python, OpenCV, Mediapipe, Machine Learning

2025

- Designed a data collection pipeline with OpenCV and Mediapipe to detect and extract hand landmarks.
- Collected and labeled gesture data (A-Z, 0-9), storing it in CSV format for efficient processing.
- Trained a Random Forest model on extracted hand landmarks, achieving high prediction accuracy.
- Implemented a real-time prediction pipeline with webcam integration for instant gesture recognition.

E-Commerce Product Catalog App | Flutter, Dart, Provider, API

2024

- Built a cross-platform E-Commerce App to display product categories, listings, and details.
- Used Flutter and Dart with clean architecture for scalability and maintainability.
- Integrated HTTP API to fetch categories and products dynamically.
- Managed state efficiently using Provider for real-time updates.
- Focused on responsive and user-friendly design.

Expense Income Management System | Django, PostgreSQL, Ajax

2025

- Implemented secure authentication, email verification, and access control.
- Integrated AJAX-based search, validation, and Chart.js for data visualization.
- Implemented Dart for efficient state management and asynchronous data handling.
- Used PostgreSQL for data storage and deployed on Heroku for scalability.

TECHNICAL SKILLS

Languages: C++, Dart, Python, SQL

Frameworks Libraries: Flutter, Django, OpenCV, Mediapipe, Provider

Developer Tools: VS Code, Android Studio, Git, GitHub

Databases: PostgreSQL, MySQL

Other Technologies: REST APIs, Machine Learning, Chart.js, AJAX

CODING PLATFORMS

- Solved 200+ Problems on Leetcode And GeeksforGeeks.

EXTRACURRICULAR

- Participated in the college basketball tournament and secured first place as part of the core team.
- Playing basketball, table tennis, and chess.
- Reading spiritual books.