

JAYAKRISHNAN A S

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ABOUT

Dedicated and self-motivated B.Tech Computer Science Engineering student eager to learn and seek opportunities in computer technologies. Passionate about coding and enthusiastic to contribute to real-world projects. Experienced in academic projects showcasing technical talents and flexibility. Excited to apply and share skills in a dynamic and modern environment, and looking forward to starting a professional career in software development.

EDUCATION

Python – Django Internship

Kochi, Kerala

- Luminar Technolab

July 2024 – Feb 2025

APJ Abdul Kalam Technological University

Aranmula, Pathanamthitta, Kerala

- College of Engineering Aranmula
 - Computer Science Engineering
 - CGPA: 7.4

Nov 2020 – May 2024

+2 Higher Secondary Education

Kidangannur, Pathanamthitta, Kerala

- SVGV Higher Secondary School
 - Computer Science
 - Score: 91%

July 2018 – March 2020

TECHNOLOGY SKILLS

- Programming Language:** C, HTML, CSS, JAVASCRIPT, PYTHON, DJANGO, SQL, REACTJS, REST API

PROJECTS

1. Bigmart – E-Commerce Web Application

Sept 2024 – Jan 2025

- Developed a full-stack E-commerce web application (Bigmart) using Python, Django Framework, Bootstrap, and JavaScript, featuring user authentication, dynamic product catalog, cart & checkout system, payment gateway integration, and an admin dashboard for managing products, orders, and users.

2. Gesture Controlled Virtual Mouse

Feb 2024 – May 2024

- Developed a Gesture Controlled Virtual Mouse enabling contactless human-computer interaction through hand gestures using state-of-the-art machine learning and computer vision algorithm.
- Implemented MediaPipe hand detection with CNN, allowing functionality on Windows without additional hardware and included modules for the gesture recognition via hand detection.

My Contributions:

- Integrated MediaPipe's hand tracking module for real-time gesture detection.
- Built the logic for mapping hand landmarks to mouse actions (move, click, scroll).
- Used Python's pyautogui and cv2 to simulate mouse operations like drag, click, and scroll via gestures.

SKILLS

- Problem-solving
- Time Management
- Teamwork

LANGUAGES KNOWN

- ENGLISH
- MALAYALAM