

# SANJAY PANDIAN

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## OBJECTIVE

Final-year computer science student with strong foundational skills in web development, full stack development, and machine learning. Eager to apply my knowledge of JavaScript, React JS, PHP, and SQL in a dynamic work environment. Seeking an internship or entry-level position to leverage my skills and contribute to the company's success while gaining practical experience.

## EDUCATION

- **Bachelor of Computer Science and Engineering**

Jai Shriram Engineering College, Tirupur

2021 – 2025

CGPA: 8.6/10 (Till 5th Sem)

- **Higher Secondary School Certificate – 91%**

Kannamal National School, Tirupur

2021

- **Secondary School Leaving Certificate – 87%**

Kannamal National School, Tirupur

2019

## SKILLS

- **Programming Languages:** C, Python, Java, Javascript, PHP
- **Frameworks & Libraries:** React JS, Pandas, NumPy
- **Databases:** SQL
- **Other Skills:** UI/UX Design, Full Stack Development, Logical Problem-Solving, Canva, Machine Learning, Excel

## ACHEIVEMENTS

- **CODE BEE Title** in the "QUANTAM CODE" contest, Jai Shriram Engineering College, 2022
- Won a contest named **CONNEXION** at Karpagam College of Engineering

## PROJECTS

- **CRUD Application for Teacher, Course, Event, and Notification Management**
  - Technology stack: HTML, CSS, JavaScript, PHP, and SQL
  - Manages teachers, courses, events, and notifications with create, read, update, and delete functionality
  - User-friendly interface, works on both admin and teacher sides with secure authentication
- **Age and Gender Detection using Machine Learning with Python** (3 Days)  
Machine learning model using OpenCV and pre-trained models for real-time analysis  
High accuracy age and gender detection from images, user-friendly interface
- **Emotion Detection and Dynamic Audio Response** (7 Days)
  - Application using computer vision and deep learning for real-time emotion detection
  - Dynamic audio response based on emotion, seamless integration with camera input
- **Movie Recommendation System using Machine Learning and Python** (2 Days)
  - Recommendation system suggesting similar movies based on user input
  - Utilizes content-based filtering and provides personalized movie suggestions

## CERTIFICATION

- Completed **PHP & SQL** certification course by YouAccel Training on Udemy
- Completed **Python Complete Course** by Horizon Tech on Udemy
- Completed **30 Days Machine Learning** certification by PanTech Solutions
- Completed **React JS Crash Course** certification by MetaBrains on Udemy
- Completed **Java Programming Course** by RedSysTech
- Completed **30 Days Artificial Intelligence** certification by PanTech Solutions
- Attended 7 Days Inplant Training on **Image Processing** by Emglitz Technologies
- Attended 3 Days workshop on **Data Science using Python** by Jai Shriram Engineering College
- Completed 30 Hours Value-added course on **Business Intelligence using PowerBI & Tableau** by Linkskill Academy
- Completed a Value-added course on **CSVT06 – DaaS framework** by Rampex Technologies
- Completed **Javascript for Beginners** course by Proper Dot Institute on Udemy
- Submitted a Paper entitled **Developments in AI&ML for Cybersecurity** in **International Conference on Design, Materials Metaheuristic Algorithm for Engineering [ICDMME 2024]**