CHANDRAMOHAN P

Aspiring Software Engineer| B.E. CSE – 4rd Year

CONTACT

📞 +91 98403 19282

✉ chandramohanpv18@gmail.com

📍 Arumbakkam , Chennai - 600076

SKILLS

- Python
- Collaborative & Team Work
- Critical Thinking
- Problem Solving
- Tinked Cad
- System Design
- Git and Github
- Quick Learning
- Active Listening
- Conflict Resolution

LANGUAGES

- English (Fluent)
- Tamil (Fluent)

CERTIFICATIONS

Python Programming Mastery
Docker Essentials and Hands-On Devops

Deep Learning
Editing capcut
photoshop
web page designer

PROFILE

Computer Science student with a focus on **Artificial Intelligence, Machine Learning, and Data Science**. Experienced in building and deploying ML models, developing backend systems, and creating data visualizations using **Python, TensorFlow, scikit-learn, and SQL.** Skilled in model evaluation, data preprocessing, and classification techniques. Currently working on AI projects like melanoma diagnosis and real-time fitness tracking systems. Seeking AI/ML internship opportunities to apply analytical and programming skills in impactful projects.

PROJECTS

1. Random Forest vs. Decision Tree: A Comparative Analysis of Machine Learning Models for Melanoma Diagnosis – Python | scikit-learn | TensorFlow | Keras
- Developed and implemented a comparative analysis of Random Forest and Decision Tree models for melanoma diagnosis. Utilized image-based datasets and advanced machine learning techniques to evaluate model accuracy, precision, and recall, optimizing the models for better diagnostic performance.

2. **Push-Up Counter – Arduino | Ultrasonic Sensor**
- Developed a fitness tracking system using Arduino and an ultrasonic sensor to automatically count push-ups. The device provides real-time feedback, enhancing workout efficiency and eliminating manual tracking. Ideal for athletes and trainers, it offers an accurate, hands-free way to monitor progress.

3. **Optimizing Symmetric Encryption for Secure Software Applications: Performance Analysis of Blowfish and ChaCha20 (International Conference ICCI'25)**

EDUCATION

Bharathi Vidhya mandhir
10 th Std = 89 Percentile

sharpers higher second school
12 th Std = 65 Percentage

Saveetha school of engineering
CBPA=7.63/10