

ARNESH R

☎ +91 8825865259 ✉ rajarnesh49@gmail.com
in [LinkedIn](#) ○ [Github](#)
Chennai, Tamil Nadu

Summary

Full-Stack Development and Machine Learning enthusiast with hands-on experience in predictive modeling, computer vision, and scalable web applications. Proficient in Python, TensorFlow, SQL, and modern frameworks. Strong foundation in algorithms and database systems, with achievements in hackathons and internships. Seeking opportunities to apply data-driven problem solving and software engineering expertise.

Education

B.Tech in AI & ML, St. Joseph's College of Engineering *Expected 2027*
CGPA: 8.24 (Autonomous)
Higher Secondary, Vivekanandha Academy (CBSE) *2022-23*
Percentage: 78% (390/500)

Skills

Programming: Python, Java, HTML, CSS, JavaScript, SQL (PostgreSQL)
ML/DL: TensorFlow, CNN, ANN, Pandas, NumPy
Core: Data Structures & Algorithms, DBMS
Tools: Flask
Soft Skills: Problem-Solving, Communication, Teamwork

Projects

Credit Card Fraud Detection – Developed a Logistic Regression model with **95% accuracy** on 284K+ transactions; applied SMOTE resampling and advanced evaluation metrics for better fraud detection.
Plant Disease Detection – Implemented a CNN that achieved **92% accuracy**, outperforming baseline by 15%; preprocessed and augmented 5K+ images to enhance robustness.

Internship Experience

NCSP India Software Pvt Ltd, Coimbatore *Jun 25 – Jul 10, 2025*
Intern
- Completed a 2-week program with training in Warehouse Management System (WMS) fundamentals and SQL basics. - Strengthened technical understanding of database management and warehouse operations. - Collaborated with professionals, improving problem-solving and adaptability in real-world projects.
Dotwings Software Solutions, Pollachi *Jul 2024*
Web Development Intern
- Designed and deployed using HTML, CSS, and JavaScript, increasing cross-device usability. - Enhanced website performance and user engagement by 25% through modular, reusable components.

Achievements

- Winner – Shaastra AI/ML Challenge 2, IIT Madras (Aug 2024), **1st among 364 teams**.
- Qualified for national-level **Smart India Hackathon (SIH)**.

Certifications

- Coursera – Supervised Machine Learning: Regression and Classification
- Coursera – Advanced Learning Algorithms
- Onwingspan – Introduction to Deep Learning (Nov 2024)
- Networking Basics Badge (Dec 2024)
- Oracle – Java Fundamentals (Nov 2024)