




TAMILVALAVAN S

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Personal Summary

Enthusiastic B.Tech Information Technology graduate with a strong foundation in software development and web technologies. Skilled in Python, JavaScript, and React for building responsive and user-friendly web applications. Passionate about creating efficient, scalable solutions and eager to contribute to innovative tech projects in a collaborative environment. Quick learner with hands-on project experience in frontend development.

Skills

Programming Languages: Python, HTML, CSS, JavaScript.

Library/Framework: React, Django

Soft Skills: Git, Agile Methodology

Education

Jeppiaar Engineering College

B.Tech in Information Technology | CGPA: 7.3 (Present)

Maharishi Vidhya Mandir Matric. Higher Secondary School

12th Grade | Score: 81.62% (2021)

Projects

Document Management System (DMS)

- Contributed to a live full-stack web application project using React.js for the frontend and Django for the backend during my internship.
- Implemented user authentication, file upload/download, and role-based access control.

Deep Fake Forensics Detection

- Using Capsule Siamese Networks (CSNs)** to identify and analyze manipulated visual content with high spatial accuracy. Integrated the system with cloud services for remote access and control.
 - Built a Flask-based web app** with Python, MySQL, and TensorFlow for real vs. fake facial image comparison, targeting applications in media verification and digital forensics.
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Internships

Frontend Developer – VDart, Trichy (3 months)

- Worked on a live web application project, focusing on frontend development using **React.js**.
 - Collaborated with backend developers to integrate APIs and ensure seamless user experience.
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Accomplishments

Yuva Club Volunteer: Organized and managed events for 100+ participants, demonstrating leadership and teamwork skills.

Sports Achievements: Won in chess tournaments and represented the college in cricket tournaments.