DURGADEVI V

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SUMMARY

Final-year student in Artificial Intelligence and Machine Learning with a strong grasp of machine learning technologies. Hands-on experience from internships and projects, eager to apply skills in a dynamic organization and contribute to innovative initiatives.

INTERNSHIPS

Retech Solutions Pvt Ltd - Machine Learning Intern   May 2023

Developed and deployed machine learning models for a movie recommendation system. Worked on data preprocessing, feature selection, and model evaluation to enhance model accuracy.

Octanet Services Private Ltd - Web Development Intern   May 2024 - June 2024

Developed a responsive portfolio website using HTML for structure, CSS for styling, and JavaScript for interactivity. The site effectively showcases my projects and skills with a user-friendly layout.

PROJECTS

Movie Recommendation System

Built a recommendation system using pandas, numpy, and scikit-learn. Applied cosine similarity for user preference analysis to deliver personalized recommendations, enhancing user experience.

Real-Time Sign language Gesture Recognition   Developed a real-time application to interpret American Sign Language gestures using OpenCV and CNNs, recognizing 27 symbols from live video input with enhanced classification accuracy through Gaussian blur and thresholding.

Digital portfolio

Created a responsive portfolio website using HTML, CSS, and JavaScript to showcase my web development projects and skills. The site features an intuitive layout and a project gallery, serving as a digital resume for potential employers and clients.

EDUCATION

2021 - 2025	B.Tech Degree at **St.Joseph's College of Engineering**	(CGPA: 9.40/10)
2020 - 2021	HSC - **Presidency Higher Secondary School**	(93.06%)
2018 - 2019	SSLC - **Shri Hindocha Higher Secondary School**	(92%)

CERTIFICATIONS

1. Introduction to AI (Infosys Springboard)
2. Introduction to RPA (Infosys Springboard)
3. Python for Data Science (Infosys Springboard)
4. Mathematics for Machine Learning (Coursera)
5. Database Design and Management (NPTEL)

SKILLS

Programming Languages	C, Python, SQL
Web Development	HTML, CSS, JavaScript