Priya S

Phone No:9148365237

Email:priyadvg4@gmail.com

Education Details:

COURSE	INSTITUTIONS	BOARD	PERCENTAGE
M.Tech(CSE)	**University BDT College of Engineering, Davanagere**	**VTU-2025**	**1st year-84%**
BE, Computer ScienceAnd Engineering	**University BDT College OfEngineering, Davangere**	**VTU-2022**	**64.9%**
PUC	**RSGG Govt Girls CollegeDavangere**	**PRE UNIVERSITY BOARD**	**61.5%**
SSLC	**MSS School Davanagere**	**KSEEB**	**74.72 %**

COMPUTER KNOWLEDGE

- Programming languages-c, python, DBMS
- Data structures and algorithms
- Word document, excel, google sheet etc

ACADEMIC PROJECTS:

- Cinema ops: online movie ticket booking system

  Designed and developed a web-based platform for booking movie tickets online. Users can browse movies, view showtimes, select seats, and make secure payments. The system provides real-time seat availability and prevents double booking. Admins can manage movie listings, theaters, and show schedules. Integrated payment gateway for seamless transactions. Built using React.js for frontend, Node.js and Express for backend, and MongoDB for data storage. Ensured responsive UI and smooth user experience across devices.

- Tic tac toe

  Developed an interactive 2-player Tic Tac Toe game using HTML, CSS, and JavaScript (or Python/React, etc., if applicable). The game features a 3x3 grid, real-time move validation, and win/draw detection logic. Highlights the current player's turn and resets automatically after game completion. Built with a focus on clean UI and user-friendly experience. Also implemented logic to prevent invalid or duplicate moves. This project demonstrates mastery of basic game logic, DOM manipulation, and frontend interactivity.

- Online water billing system

  Developed a web-based application to manage and automate water bill generation and payment. Users can register, view monthly water usage, download bills, and make online payments securely. Admins can manage user accounts, input meter readings, and generate bills dynamically based on usage. Integrated automated billing logic and a responsive dashboard for real-time data access. Implemented using technologies like HTML, CSS, JavaScript, PHP/Node.js, and MySQL. The system improves transparency, reduces manual errors, and enhances billing efficiency for users and utility providers.

- Noise Removal Technique in Image Processing

  Implemented an image processing system to detect and remove noise from digital images using spatial and frequency domain filtering techniques. Applied filters like Gaussian, Median, and Bilateral to reduce salt-and-pepper and Gaussian noise. Evaluated performance using PSNR (Peak Signal-to-Noise Ratio) and MSE (Mean Squared Error) metrics. Enhanced image quality while preserving important features like edges and textures. Built using Python with OpenCV and NumPy libraries. The project demonstrates practical application of image enhancement techniques for real-world noisy data.

- Wisconsin Breast cancer detection in machine learning

  Built a machine learning model to classify tumors as benign or malignant using the Wisconsin Breast Cancer dataset. Preprocessed data by handling missing values, normalization, and feature selection. Applied classification algorithms such as Logistic Regression, SVM, Decision Tree, and Random Forest. Achieved high accuracy and precision, with performance evaluated using confusion matrix, accuracy, precision, recall, and F1-score. Developed the project using Python, Scikit-learn, Pandas, and Matplotlib. This system aids early cancer detection and decision support in medical diagnostics.

- Paddy leaf disease prediction using DCNN and comparing with Existing deep learning models

  Developed a deep learning-based system to identify and classify paddy leaf diseases using a custom Deep Convolutional Neural Network (DCNN). Collected and preprocessed leaf image data, including resizing, augmentation, and normalization. Trained and evaluated the DCNN model and compared its performance with existing models like VGG16, ResNet50, and InceptionV3. Assessed results using metrics such as accuracy, precision, recall, and F1-score. Achieved improved accuracy and faster convergence using the custom architecture. Implemented in Python using TensorFlow/Keras and OpenCV. The system supports early disease detection and smart agricultural practices.

PERSONAL DETAILS:

Date of birth:	25/01/1999
Address:	#1296/3 1st main,3rd cross, Gandhinagar,Davanagere
Father's name:	Lt.Suresh
Marital status:	Single
Languages known:	Kannada, English

Experience:

- 3 years of experience as Technical staff at GMIT Davanagere
- 1 year experience in Lecturer in GM Polytechnic Davanagere
- Currently pursuing Mtech(4^{th} sem) in UBDT

DECLARATION:

I hereby declare that the information provided above is true to the best of my knowledge and belief…

DATE:01/06/2025 (PRIYA S)

PLACE: DAVANGERE SIGNATURE OF CANDIDATE