

# DIVYA S DESHPANDE

☎ +91 9880537452 ✉ [divyadeshpande0314@gmail.com](mailto:divyadeshpande0314@gmail.com)  [linkedin.com/in/divya-s-deshpande](https://linkedin.com/in/divya-s-deshpande)  
 [github.com/Divyas14-03](https://github.com/Divyas14-03)

## About Me

I am passionate about exploring evolving technologies, with a special interest in Machine Learning and Artificial Intelligence. I enjoy building data-driven solutions for real-world problems and stay updated with emerging trends. While inclined toward ML and AI, I am equally open to learning new technologies across diverse domains. My goal is to grow as a versatile developer and contribute meaningfully to the tech space.

## Education

### J S S Academy of Technical Education Bengaluru

B.E. in Information Science and Engineering

Nov. 2022 – June 2026

Bengaluru, Karnataka

**CGPA: 8.78**

### Relevant Coursework

- Data Structures
- Algorithms Analysis
- Operating Systems
- Database Management
- Object-Oriented Programming
- Computer Architecture

## Projects

### QoS Metrics Prediction for Real-Time Network Applications [Aug. 2024 - Oct. 2024]

- Implemented a Decision Tree-based machine learning model to predict packet loss based on various network parameters.
- Analyzed the performance of the model and identified key factors affecting QoS in real-time scenarios.
- Visualized model predictions and decision paths to interpret how network parameters influence packet loss outcomes.

### Machine Learning-Based Diabetes Prediction using SVM [Dec 2024]

- Designed and implemented a Support Vector Machine (SVM) model to predict the likelihood of diabetes based on key health indicators.
- Presented visualizations of decision boundaries and model predictions to aid in model interpretability and decision-making.

### Voice-Activated Virtual Assistant Using JavaScript [Mar 2025]

- Voice Recognition and Synthesis: Implemented speech recognition and synthesis to create a virtual assistant capable of responding to voice commands and providing audio feedback.
- Website Navigation: Enabled the assistant to open various websites (e.g., YouTube, Gmail, Spotify) based on user voice input.

## Technical Skills

- **Languages:** JavaScript, SQL, Python, C++, Java, C, HTML, CSS
- **Tools:** Pycharm, GitHub, VS Code
- **Concepts:** Machine Learning, Deep Learning

## Leadership & Extracurricular

### NSS Volunteer

- Participated in various social service activities as an NSS volunteer.

### VTU Badminton Tournament [2023-24]

- Represented JSS Academy of Technical Education in the VTU Badminton Tournament in the year 2023 and 2024.

### IEEE Member [2024 Present]

- Member of IEEE, participating in technical activities and events.