



Janavi K

Bachelor of Engineering
Information Science and Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.E., ISE	Sai Vidya Institute of Technology, Rajanukunte	8.87	Feb 2025
Senior Secondary	VBR PU College/KSEAB	88%	June 2022
Secondary	New Baldwin School/ICSE	90.4%	Oct 2020

PROJECTS

• Drowsiness and Speech Detection System

July 2024

Python, OpenCV, TensorFlow, PyGame

- Implemented a real-time drowsiness detection system using facial landmark recognition to alert drivers.
- Integrated voice command detection using PyAudio and PyGame to ensure alertness.
- Utilized TensorFlow for basic eye closure and mouth opening classification.

• Early Detection of Diabetic Retinopathy

Nov 2024

Python, TensorFlow, Keras, OpenCV

- Designed and trained a Convolutional Neural Network (CNN) to detect signs of diabetic retinopathy in retinal images.
- Used Kaggle datasets with preprocessing techniques like CLAHE and Gaussian blur.
- Achieved an accuracy of 92% using image augmentation and dropout regularization.

• E-Commerce Website with Interactive Chatbot

Feb 2025

HTML, CSS, JavaScript, React

- Built a responsive web-based e-commerce platform with modern UI using ReactJS.
- Integrated Dialogflow chatbot for product suggestions, order tracking, and FAQs.
- Focused on user-friendly navigation and mobile-first design principles.

SKILLS

- **Programming Languages:** Java, Python
- **Technologies:** HTML, CSS, JavaScript, Git, MySQL
- **Tools:** GitHub, MS Excel, Jupyter Notebook, Power BI
- **Soft Skills:** Logical Reasoning, Problem Solving, Communication, Teamwork, Optimism

LANGUAGES KNOWN

- **Proficient/Fluent:** English, Kannada, Hindi
- **Basic:** Tamil, Telugu

CERTIFICATIONS

• Python for Data Science (VTU Minors), [Certificate Link](#)

30th Nov 2024

ACHIEVEMENTS

• Runner-up in State Level Hackathon, [Certificate Link](#)

18th July, 2024

• 6th Rank Holder in 2nd Year Engineering, [Link](#)

Jan 2024

• Volunteer, Women Empowerment Trust - Rural Education, [Certificate Link](#)

Jan-Dec 2024

POSITIONS OF RESPONSIBILITY

• Co-Treasurer, ISE Club ([Link](#)), SVIT

2022-2025