



Janavi K
Bachelor of Engineering
Information Science and Engineering
Sai Vidya Institute of Technology, Rajanukunte

+91 8951362951
janavig97@gmail.com
[linkedin.com/in/janavi8951](https://www.linkedin.com/in/janavi8951)
github.com/janavi-k

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