**Bhavana Prakash Naik** bhavanabhavana1459@gmail.com [LinkedIn](https://www.linkedin.com/in/bhavana-prakash-0bb68332b) Mobile:+918431446202

# OBJECTIVE

As a passionate and fast-learning engineer, I aim to apply my technical skills in a collaborative environment to solve real world problems and contribute to impactful projects.

# EDUCATION

**Sai Vidya Institute of Technology** Bangalore**,** Karnataka

Bachelor of Engineering; CGPA: 8.7 *December2022September2026*

**GPU College** Sirsi, Karnataka

PCMB; Percentage: 90 *June2020–August2022*

**Morarji Desai Residential School** Sirsi**,** Karnataka

10th;Percentage: 90.4 *June2019-April2020*

# SKILLS SUMMARY

* **Languages:** Python, Html,Java
* **Tools:** Microsoft Word, Power Point
* **Platforms:** JupyterNotebook, Visual Studio Code
* **Soft Skills:** Team Player, Quick Learner, Communication(Kannada, English)

# PROJECTS

**Pneumonia Detection Using Machine Learning** *December23–February2024*

* Developed a convolution neural network(CNN)model to accurately detect pneumonia from chestX-ray images, achieving over 90% classification accuracy.
* Preprocessed and augmented dataset of over 5,000 chest X-rays to enhance model robustness and reduce over fitting.
* Deployed the model using a Flask-based web interface for real-time pneumonia prediction and visualization of diagnostic heat maps.

**Secure Image Communication Using Steganography** *September23–October2023*

* Designed and implemented an image steganography system to conceal one image within another for secure visual data transmission.
* Focused on data security and image quality, ensuring imperceptibility and robustness against basic steganalysis methods

# ACHIVEMENTS

# NSS Volunteer

* Coordinated campus-wide awareness campaigns promoting health, environmental sustainability, and civic engagement in collaboration with local organizations and student groups.