

# Bagavati Narayanan

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LinkedIn | Github | Leetcode | GeeksforGeeks | Portfolio

## Education

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**Sri Sivasubramaniya Nadar College of Engineering**, B.Tech in Information Technology Sept 2023 – present

- CGPA : 8.886

**D.A.V. School , Adambakkam**, Jun 2009 – April 2023

- 97 percent- **Class XII Board Examinations** in the **Computer Science Stream**.
- 98 percent - **in the Class X Examinations**.

## Projects

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**VolunteerConnect** Nov 2024 - present

- VolunteerConnect aims to bring volunteers and NGOs together to increase the power of volunteering in India. Our solution addresses the major gap between active , interested volunteers and NGOs.
- Tools Used: MERN , Git , Postman

**Lit'L** Nov 2024 - present

- Developed a website for Litl using the MERN stack, implementing custom design patterns to optimize performance, scalability, and maintainability. Leveraged design patterns to streamline operations and enhance code modularity, ensuring a seamless user experience and efficient back-end functionality.
- Tools Used: MERN , Git , Postman

**Pyxis** baggie11/Pyxis

- Pyxis is a user-friendly application designed to assist visually challenged individuals by offering real-time object detection, and navigation support built using Python, OpenCV, and YOLO, the app identifies objects in the environment. Additionally, we integrated LLama to provide conversational support, enhancing the overall user experience with text-to-speech support. While the current prototype is a basic version, we're continuing to improve its features and strive to make it completely hands-free.
- Tools Used: OpenCV , Streamlit ,YOLO,LLaMA

**Mentorship System for a college professor** baggie11/Mentorship-System

- Collaborated on developing a scalable platform for mentors, mentees, and managers, featuring role-specific functionalities. Key contributions included designing tools for mentors to manage details and search notes using an Inverted Index, enabling mentees to update achievements and request meetings, and providing managers with performance monitoring capabilities. Built with Python and Django, prioritizing clean, modular code and user-friendly design, with optimized search functionality.
- Tools Used: HTML , CSS , JS , Django , MySQL

## Technologies

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**Languages and Frameworks** : Python, Java, SQL , HTML/CSS , JavaScript , Node.js , OpenCV , React.js , Express.js.

**Tools and OS**: Flutter ,Oracle SQL Plus, MySQL, BootStrap, Flask , Django, Google Colab , MongoDB , Firebase , Git , Postman

**Soft Skills**: Leadership, Content Writing , Project Management.