

Bagavati Narayanan

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[LinkedIn](#)

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[Portfolio](#)

EDUCATION

- B.Tech in Information Technology

September 2023 - April 2027

Sri Sivasubramaniya Nadar College of Engineering, Chennai

Campus Ambassador of **Geeks for Geeks**

Technical Team Member of **Sportium SSN**, IMS Team Member of **Lakshya SSN**.

Mentee, **Codess Cafe**

- D.A.V. School, Adambakkam

June 2009 – April 2023

- 97 percent - **Class XII Board Examinations.**
- 98 percent - **Class X Examinations.**

PROJECTS

- **NestSenseAI**

Jan 2025 - Current

Next.js, Node.js, Git, Postman, Supabase, Azure AI

- Designing and managing the backend architecture using Supabase to ensure efficient data storage and retrieval.
- Developing and optimizing APIs to enable seamless communication between the backend and frontend.
- Working on smooth integration between backend and frontend to deliver a responsive and efficient application.

- **LIT'L**

Nov 2024 - Current

MERN, Git, Postman

- Developing a full-stack website for Litl using MongoDB, Express.js, React, and Node.js (MERN stack)
- Implemented custom design patterns and modular architecture to optimize performance, scalability, and code maintainability
- Enhanced application efficiency and user experience through streamlined operations and robust back-end functionality

- **Mentorship System**

April 2024 - Jun 2024

HTML, CSS, JS, Django, MySQL

- Developed a scalable mentorship platform with role-specific functionalities for mentors, mentees, and managers.
- Built with **Python and Django**, integrating an **Inverted Index** for mentor note search, achievement updates and meeting requests for mentees, and performance tracking for managers.
- Enhanced mentorship efficiency with optimized search, seamless interactions, and a user-friendly design.

TECHNICAL STACK

- **Programming Languages & Databases:** Python, Java, SQL, HTML, CSS, JavaScript, MySQL, MongoDB, Firebase, Supabase, Oracle SQL Plus

- **Frameworks, Libraries & Tools:** OpenCV, React.js, Express.js, Next.js, Node.js, Flask, Django, Bootstrap, Flutter, Git, Postman, Google Colab

- **Certifications:** NPTEL's Programming in Java, Udemy's Modern Javascript for Beginners,

OpenCV University's OpenCV Bootcamp