

NILESH S

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EDUCATION

Sri Sivasubramaniya Nadar College of Engineering Bachelor of Technology (IT)	August 2024 - May 2027
PSG Polytechnic College Diploma in Computer Engineering - 9.3 CGPA	June 2022 - May 2024
G Ramaswamy Naidu HSC - 8.6 CGPA	June 2021 - May 2022

PROJECTS

College Chatbot 2025

- Developed an **AI-powered** college chatbot using **Rasa** to handle student **queries** on admissions, courses, events, and policies.
- Implemented automated knowledge updates to keep responses **accurate**.

Hospital Management 2024

- Developed a **Hospital Management System** application using **Tkinter** (GUI) and **SQLite** (database), enabling efficient patient record management, appointment scheduling, and billing automation.

ApartiBot 2023 - 2024

- Spearheaded the development of **ApartiBot**, an autonomous robot designed for **security, delivery assistance**.
- Integrated **AI-driven navigation, IoT connectivity, and a step-climbing mechanism**, enabling seamless movement across apartment complexes.
- Automated package deliveries, maintenance monitoring, and** reducing manual intervention by **40%**.

EzDelivery 2023 - 2024

- Designed and built **EzDelivery**, a grocery ordering web app using **Next.js, MongoDB, AWS, and Google Cloud**, ensuring a smooth shopping experience.
- Implemented **real-time** order tracking and optimized database queries, enhancing order processing **efficiency** by **30%**.
- Integrated a secure payment gateway.

SKILLS

- C++
- Java
- Python
- Data Structures
- Problem Solving
- MongoDB

AWARDS AND ACHIEVEMENTS

Project Presentation

- Secured **6th place** in **National** Level Competition at **Sri Manakula Vinayagar Engineering College** for **ApartiBot**, showcasing expertise in autonomous systems.

League of Ninja Dominator – Code Ninjas

- Achieved top-tier recognition for coding proficiency and problem-solving skills in the Code Ninjas platform.

AREAS OF INTEREST

• Data Structures and Algorithms • Object-Oriented Programming • Computer Networks • DBMS