

# Satyam Jaiswal

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## EDUCATION

### Sardar Patel Institute of Technology

Bachelors of Technology in Computer Science and Engineering

Dec 2021 - May 2025

CGPA: **9.49**

### Kishinchand Chellaram College

HSC in PCM with Bifocal in Computer Science

Jun 2018 - Mar 2020

**90.76%**

## WORK EXPERIENCE

### The Little Dentist

Jun 2023 - Present

Software Developer, Internship

Gurugram

- Developed a high-performance, SEO-friendly website for **The Little Dentist**, adding a robust patient management dashboard and an ad campaign internal dashboard, resulting in a 50% increase in patient acquisition and engagement.
- Developed and integrated the in-app shop and secure payment feature for the **Little Dentist App** on Play Store and App Store using **Razorpay SDK**.
- Currently working on a **SaaS** platform for dental clinics for appointment and patient management. This platform provides widgets and website solutions for clients to **enhance** their **digital presence** and **streamline** clinic **operations**.
- Tech Used - Nextjs, TailwindCSS, HTML, CSS, PHP, Javascript, JQuery, React Native

## ACHIEVEMENTS

### Aeravat 2024

**Generative AI Track Winner** in this hackathon organized by **CSI-IEEE SPIT**

2024

### TSEC Hacks'24

Overall **2nd** runner-up and **ML domain winner** in this hackathon held at **TSEC**

2024

### CodeOff'24

Placed **2nd** in this coding contest held offline at **SPIT**

2024

### HackAI, Techfest'23

Overall **1st** runner-up in the hackathon in **IIT Bombay's** Annual Technical Fest

2023

### Codeissance'23

Placed **1st** in this offline hackathon, held at **TSEC**

2023

### Rubix'23

Made it to the **Top 10** in this 48 hour national level hackathon held at **TSEC**

2023

### Codechef

Reached **3\*** on codechef (**highest rating- 1690**). Profile: [satyam9752](https://www.codechef.com/satyam9752)

## PROJECTS

### EvaluAid [Role: Frontend and Backend]

April 2024

- Built a platform which aids with the **evaluation of visually impaired students**. Made a interface for teachers to **create** **courses**, **exams**, **objective/subjective questions** and **enroll** students.
- Students can answer the questions **verbally or by typing** in the exam interface which is **highly accessible** for the visually impaired. Created a **pipeline** which evaluates the **subjective answers** using **NLP** and **LLM**. Used **Reactjs** and **Django**, **DRF** with **sqlite**.

### Resolvio [Role: Frontend and Backend]

March 2024

- Developed a **distributed complaint management system** for streamlining the process of complaint handling **efficient** and **transparent**. The system includes **user** and **admin** portal to **issue** and **handle** the complaints respectively.
- The tech stack includes **Nextjs** for the client-side, **Nodejs** and **Webjs** for the server-side and **Ganache** as the **ethereum** network. Created a **dockerised** application to enhance the portability.

### MedscanOCR [Role: Frontend and Backend]

Jan 2024

- Developed a smart patient **report management** platform to convert **physical** reports in **digital** format for easier storage. Its features are **OCR** for text extraction, **LLM** for data extraction and conversion in **JSON** format and **Vectorized Storage** using **chroma**.
- Integrated **data chunking** to improve **performance**. Used **Microsoft Phi-2** as the LLM alongwith **Vision Pro** for OCR and **Expressjs** + **Flask** for backend with **Nextjs** for the frontend.

### Geeky Type [Role: Frontend]

Jul 2023

- Created a **responsive** typeracer web application with adjustable **difficulty levels** and **time durations**. Implemented features such as **solo play** and **multiplayer mode**, where players are matched based on **difficulty level**, with **real-time progress sharing** using **Socket.io**, **leaderboard**, and **progress graphs** for signed-in users.
- Utilized **Next.js** and **TailwindCSS** for the client-side, and **Express.js** for the server-side, with **MongoDB** for data storage.

## TECHNICAL SKILLS

**Programming languages:** C, C++, Javascript, Python

**Frontend:** HTML, CSS, React, Next.js, React Native, Redux Toolkit, TailwindCSS, JQuery

**Backend:** Node.js, Express.js, MySQL

**ML/AI:** Numpy, Pandas, Matplotlib, Seaborn, Scikit Learn

**Miscellaneous:** Git, Github, Docker

## POSITIONS OF RESPONSIBILITY

### Technical Head, CSI SPIT

Sep 2023 - Present

Organized the annual hackathon and various technical workshops and competitions, managed a team of 4.

### Technical Team, Oculus

Aug 2023 - Present

Worked on the website of the annual cultural fest Oculus'24 made using **Reactjs** and **TailwindCSS** - [link](#)