



## BRIEF SUMMARY

I am a B.Tech Computer Science student with a strong interest in software development and a solid foundation in Python and Java. With hands-on experience in frameworks and tools like Flask, Node.js, and Express.js, I aim to apply my skills to innovative projects while advancing my expertise in software engineering in a collaborative environment.

## KEY EXPERTISE

Python NodeJS Express.js Flask MongoDB Fusion 360

## EDUCATION

### Parul University

2022 - 2026

B.Tech. - CSE - PIT | CGPA: 8.68 / 10

### SHRI SWAMINARAYAN GURUKUL VIDHYALAY, Ankleshwar

2022

12<sup>th</sup> | GSEB | Percentage: 60.15 / 100

### St. Paul's School, Ankleshwar

2020

10<sup>th</sup> | GSEB | Percentage: 73.33 / 100

## PROJECTS

### Python Visual Debugger (PySpective)

Key Skills: Express.js NodeJS Python RestAPI ReactJS

Project Link: <https://pyspective.netlify.app/>

What it does:

Let's users dry-run arbitrary Python code step by step, visualizing how memory changes (locals, loop vars, globals) for primitives, lists, dicts, sets, tuples, even custom objects.

Key achievements:

- Automated paper-dry-run style tracking of loop/control-flow variables.
- Built a React-based UI that shows real-time memory snapshots as you click "Next"/"Previous."
- Exposed all execution states via a REST API, enabling easy embedding in other tools or educational sites.

Demo video available on GitHub(<https://github.com/Im-Jayesh/PySpective-python-visual-debugger>) and LinkedIn pinned post.

## ASSESSMENTS / CERTIFICATIONS

### Vadodara hackathon 5.0

Key Skills: Web Development Flask

Achieved a Top 45 ranking in the Vadodara Hackathon 5.0.

## CO-CURRICULAR ACTIVITIES

- o Hackathons

## PERSONAL INTERESTS / HOBBIES

- o Traditional art
- o Digital art

## WEB LINKS / IMs

- o Other - <https://www.linkedin.com/in/jayesh-suthar-07a1322b5/>
- o Github - <https://github.com/Im-Jayesh>
- o Other - [https://leetcode.com/u/Im\\_Jayesh\\_Suthar/](https://leetcode.com/u/Im_Jayesh_Suthar/)

PERSONAL DETAILS

**Gender:** Male

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