

# Trushita Sathe

## PROFILE

### [ Technical ]

Reliable and goal-oriented Computer Engineering student, having completed a Diploma in Information Technology and currently pursuing a B.Tech. Enthusiastic about learning new technologies, solving problems, and contributing to socially impactful projects

Pune, Maharashtra

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<https://github.com/TRUSHITA-NS18>

## PROFILE

### [ Non Technical ]

- Class Representative** during Diploma (Second and Third Year) at **Government Polytechnic, Pune (GPP)**, demonstrating leadership and coordination skills.
- Volunteer Secretary of VISTA** – the IT Student Association at GPP, actively organizing student-centric events and initiatives.
- Visual Media Member and Design Team Member of ACM-W Chapter at PCCOE**, contributing to creative content and media design for chapter activities.
- Volunteer at National Science Day 2024** events organized by **IISER**, showcasing enthusiasm for science outreach and event coordination.
- Event Volunteer** for annual cultural gatherings at **GPP (2023 & 2024)**, supporting event logistics and team coordination.
- Technical Head at PCCOE-ACMW student chapter(Present)**

## SKILLS

- Detail-Oriented
- Time Management
- Communication
- Leadership
- Creative thinking
- Poetry

## LANGUAGES

English  
*(Full Professional Proficiency)*

Hindi  
*(Full Professional Proficiency)*

Marathi  
*(Full Professional Proficiency)*

Sanskrit  
*(Limited Working Proficiency)*

## EDUCATION

Course	Specialization	Institute	Score	Year
B.Tech	Computer Engineering	Pimpri Chinchwad College Of Engineering	9.28	Present
Diploma	Information Technology	Government Polytechnic Pune	94.27% <i>1<sup>st</sup> Rank</i>	2021-2024
SSC Board	Sanskrit	Bhartiya Vidya Bhavan's SNVM	94.6%	2020

## PROJECTS

### SMART ROAD SENTINNEL

[2023-2024]

*IoT-based Smart Road Sentinel system with python modules*

- Developed an Automatic Street Light System that activates lighting based on surrounding conditions to improve visibility and save energy.
- Created an RFID-based Entrance Control System for residential societies to enable secure and automated vehicle access.
- Implemented a Driver Sleep Detection Module to monitor driver alertness and take preventive actions in case of drowsiness.
- Built a Footpath Safety System that detects potential threats and issues alerts or captures vehicle data that is disturbing foot path security to ensure pedestrian safety.

### APNA BAZAR

[2024-2025]

*JAVA based E-Commerce CLI application*

- Developed an online shopping cart system with core e-commerce features.
- Implemented add/delete items, cart view, and order placement with bill generation.
- Used stacks and queues for efficient cart operation management.
- Applied data structure concepts to create an interactive, real-world application.

### ABHILASHA DIVYANG SCHOLARSHIP PORTAL

[Ongoing]

[Literature Copyright 2025]

*Web Development with backend modules*

- Dedicated portal to provide monthly financial assistance to individuals with recognized disabilities under the Divyang Yojana.
- Offers user-friendly features of registration, application tracking, and real-time payment updates.
- Assists administrators in managing scholarship applications and distributing support funds effectively enhancing transparency.

## EXPERIENCE

### KALPAKGHAR IISER PUNE

[February 2024 – August 2024]

- Web development
- IoT projects ensuring scientific purposes
- STEM Tinkering activities
- Part of management team of volunteers for corresponding National Science Day events [2024,2025]

### DENTHEU COMPANY

[June 2023 - July 2023]

- Built and improved responsive web interfaces
- Collaborated on UI/UX design enhancements
- Gained hands-on front-end development experience

## PROFICIENCY

### TECHNICAL

- C/C++
- Data Structures
- IOT
- SQL
- JavaScript
- Html

### OTHER

- Canva
- MS Word
- MS Excel
- MS PowerPoint
- Operating System: Windows/Linux

## ACHIEVEMENTS

- Paper Presentation :3rd Rank** [*GPP Techno Fest 2023*]
- AxiomIVE Ideathon :Runner Up**[*MKSSS's Cummins College Of Engineering 2025*]
- Diploma In Information Technology :Gold Medal** [Government Polytechnic Pune 2024 ]
- ACM India Summer School(Immersive Realities Demystifying AR ,VR,AND HCI):**Participated and was one among Best Projects(for AR/VR based simulator)
- Vortexa 2.0 Hackathon :[DY Patil College Of Engineering 2025]:**Participated and was one among top 10 for the project Videocate-a video summarizer

## CERTIFICATION

SQL [Simpli Learn ]

AWS Cloud Learning Challenge [PICT]

Generative AI [Udemy]

Python For Data Science [NPTEL(course)]

Java Masterclass [Udemy]