

VYOM PATEL

High school student

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| Gujarat, India

ABOUT ME

A technology enthusiast and a lifelong learner focusing on innovation and entrepreneurship. I have built companies, led AI projects, and produced low-cost solutions to solve real-world challenges.

EDUCATION

SGVP International School

Grade 12

ISC: Predicted Score: ~93%

Class 10 (ICSE): 95%

SAT: 1440

APs

Microeconomics: 5

Computer Science A: 5

Calculus BC: 4

EXPERIENCE

Change Makerz | Dec 2023 - Present

Founder & CEO

India's leading tech learning community with 100+ members:

- Organized 22 workshops, 3 hackathons, and 2 bootcamps focused on AI & Robotics.
- Assisted 50+ students with their real-world projects.
- Partnered with schools and organizations to provide students with relevant and inclusive learning about technology.

Sight Guard | Jul 2021 - Present

Co-founder(CEO)

Working on two low-cost assistive technologies:

- Navigation aid for the blind: A small, low-cost, wearable navigation aid helps blind people detect obstacles, know where they are, and navigate safely, through vibration and audio.
- Braille learning device: An innovative smart pad device that will teach children how to read and write braille through effectively (in development)

Received Rs. 1,00,000 grant from Shark Teens 3.0 and LJ University incubation center;

Interviewed 160+ blind people

Crop Sense | Sep 2022 - Present

Founder

An IoT-based smart device allowing farmers to access real-time intelligence about soil health, moisture and environmental data to help them improve crop yield by over 70%, reduce cost to almost half and farm sustainably with almost no harmful effects on the soil and the environment.

Docvita | Apr 2025 - Jul 2025

Research Intern

Contributed to a telemedicine app by bridging their technology and business development teams; worked on stack operations and customer acquisition.

Lavanya | Apr 2024 - Jul 2024

Digital Lead

Created an e-commerce website for a paintings-selling company. Worked on their sales and marketing.

Skumars Global | Aug 2023 - Mar 2024

Web Developer

Designed a fully functional website for a hardware and furniture fittings company; Boosted their customers and sales by around 40%.

Hamari Pahchan NGO and NayePankh Foundation | Jul 2023 - Oct 2023

Social Entrepreneurship Intern

Led tech initiatives, enhancing education & employment; improved outreach & operational efficiency by 30%.

Vikas X-Ray | Jan 2023 - Apr 2023

Web Developer

Worked on UI and UX along with SEO optimization of a local X-ray Clinic's website

ACHIEVEMENTS

Research paper - April 17, 2025

Researched on neural networks for about four months and published "Demystifying Neural Network: A Case Study on Intrusion Detection System" on IJRASET (ID : IJRASET68644) about the fundamental concepts of neural networks and their application in detecting network intrusions.

School Leadership

- School Captain, SGVP (2024-25)
- School Vice Captain, SGVP (2022-23)
- "Student of the Year" (2023-2024)

Author of "The Rise of Intelligence" - June 2, 2023

4.67 star on Goodreads

Featured in Times NIE

"Best Anchor" award - December 24, 2023

Received the award for Best Anchor in the state by Adani Reality Group

Tech Olympiads and Competitions

GIIS Ideate App Elevate: 1st rank - September 24, 2023

NCO Cyber Olympiad - International Rank: 121 - July 1, 2022

Other competitions

Common Internship Test (CIT) - All Indian Rank: 353 - August 23, 2024

Belvedere Chess Championship (U-16): 1st rank - January 26, 2023

Karate NWR Tournament : 2nd rank - August 27, 2022

Value Education Contest - All Indian Rank: 4th - May 14, 2022