

Purv Taparia

🎓 Student · 💻 Coder · ✍️ Creative Writer · 📍 Mumbai, India

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🐙 github.com/tapariapurv

🌐 tapariapurv.github.io

📺 youtube.com/@decodewithpurv



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INTERNATIONAL RANK



5

BOOKS PUBLISHED



96%

ARDUINO SCORE



₹50K

IEO PRIZE WON

👤 PROFILE

Curious builder and lifelong learner from Mumbai (Class 4). Programs in HTML, CSS, Python and C++; builds hardware projects using Arduino, a playable NeoPixel game, a portable air quality monitor, and a radar system. Uses AI tools (Veo 3.1, Nano Banana Pro, Claude) to create and boost productivity. Holds Anthropic's Claude 101 Certification and Arduino Junior Certification (96%). Published 5 books across Bribooks and Amazon; competes nationally in Roller Skating.

🏆 ACHIEVEMENTS

- 🌟 International English Olympiad (IEO · SOF)**
Int'l Rank 1: Grade 1 & Grade 3 Level 1 (40/40) · School Rank 1: Grade 2 (39/40) · Won ₹50,000: Grade 3 Level 2 (40/40, Int'l Rank 1)
- 💻 ICSO / National Cyber Olympiad**
Int'l Rank 2, Grade 3 · 39/40 marks · Won ₹8,333
- 📊 Mathematics · IPM Mega-Final**
94th Rank, All-India Open Mathematics Scholarship Exam, Grade 2
- 🛹 Roller Athletics**
District 3rd (Mumbai Suburban) · State 5th (Maharashtra) · National 5th

🛠️ SKILLS

- </> CODE** HTML & CSS · JavaScript · Python · C++ · Block Coding
- 🔌 HARDWARE** Arduino · NeoPixels · Breadboards & LEDs
- 🤖 AI** Claude / Anthropic · Veo 3.1 · Nano Banana Pro · Prompt Engineering
- 📊 PROD** Excel (formulas, macros) · PowerPoint
- ✍️ WRITING** Descriptive stories · Essays & paragraphs · Published author (5 books)

📖 PUBLISHED BOOKS

- 10-Year-Old's Decode the Stock Market** 📖 Amazon
- Dubai and a Futuristic City** 📖 Bribooks
- The Tour to DigiDream** 📖 Bribooks
- Five Stories by Purv Taparia** 📖 Bribooks
- Graduation Day** 📖 Bribooks

🌟 CERTIFICATIONS

- ⚡ Arduino Junior Certification**
Arduino Official
Passed with **96%** · [View Certificate](#) →
- 🧠 Claude 101 Certification**
Anthropic Academy
Claude Projects, AI workflows & productivity · [View Certificate](#) →

🏠 EDUCATION

- Primary School (Class 4)**
Mumbai, India

🎮 Neo-Pixel Game 🔧 Hardware

January 2026

Playable 8×8 NeoPixel grid game with piezo buzzer, rechargeable battery and 3D-printed enclosure.

Arduino C++ NeoPixels

github.com/tapariapurv/neopixel-game

🌫️ Air Quality Monitor

🔧 Hardware

November 2025

Portable AQI monitor: MQ135 gas sensor, 128×64 OLED, Arduino Nano, custom enclosure. Showcased on YouTube.

Arduino C++ Sensors

[Watch on YouTube](#)

📡 Radar System 🔧 Hardware

May 2026

Arduino UNO radar with signal processing and real-time object detection. Showcased on YouTube.

Arduino C++ Ultrasonic

[Watch on YouTube](#)

🛡️ LiteWarden 🔧 In Progress

January 2026

Local-first Chrome extension for secure, on-device password management and autofill, nothing leaves the browser. Free & open source.

JavaScript Chrome APIs HTML/CSS

github.com/tapariapurv/chrome-extension

🎮 Rapid Games 📺 Live

October 2025 · with Rudit & Devansh

Free online browser gaming platform featuring a hand-picked collection of curated games. Built and maintained collaboratively.

HTML CSS JavaScript GitHub Pages

tapariapurv.github.io/rapidgames