

Harshavardhan Krishnat Talap

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🌐 Harshavardhan Talap 🔗 Portfolio 🔄 HarshaTalap1474

📦 GOAL

EnTC engineering student with hands-on experience in full-stack development, Android applications, and IoT integration. Skilled in bridging hardware and software systems to create practical, real-world solutions. Seeking to apply technical expertise and a focus on continuous learning to impactful engineering projects.

🎓 EDUCATION

Diploma in Computer Hardware and Maintenance

Rajarambapu Institute of technology 🔗

Comprehensive coursework in programming languages, hardware, networking, and software development.

06/2021 – 06/2024

Sangli, India

B.E in Electronics and Telecommunication Engineering

Dr. D.Y Patil College of Engineering 🔗

EnTC student skilled in electronics, communication systems, IoT, and embedded systems.

09/2024 – present

Pune, India

🧠 SKILLS

Programming Languages

Java, Python, C, C++, Embedded C/C++

Frameworks and Application Development

Django, Flask, Android Development

Hardware and IoT

ESP32, Embedded Systems, Bluetooth Low Energy (BLE), Sensor Integration

Databases and Cloud Tools

MySQL, Firebase, Git, Cloudflare, AI Coding Agents

Leadership and Evangelism

Technical Workshop Facilitation, AI Awareness Training, Community Building

➤ EXPERIENCE

Google Student Ambassador 🔗

Google on Campus

Served as the primary campus representative for Google, focused on community building and technology evangelism. Organized and facilitated technical workshops to increase student awareness and proficiency in Gemini AI and modern development workflows.

08/2025 – Present

Pune, Maharashtra

Android App Development 🔗

Android Developer Intern

Completed an intensive Android development internship program. Gained hands-on experience building mobile applications, focusing on robust software architecture and mobile-specific integrations.

01/2026 – 03/2026

Pune, Maharashtra

PROJECTS

AURA ERP

02/2026 – Present

AURA Enterprise Resource Planning

Aura is a smart academic ERP designed for modern campuses, featuring IoT-based passive attendance powered by BLE and ESP32 including all roles-based functions from watchmen to Principal. It utilizes backend in python Django and Java for android application

IRIS DRIVE

03/2026 – 03/2026

Eye-Tracking Wheelchair Control System

Engineered a hands-free wheelchair control system bridging Python-based pupil tracking with an ESP32 microcontroller. Implemented BLE communication and motor control logic for real-time responsiveness.

ProxiTrack

01/2026 – 02/2026

Tracking Tag with ESP C3 Super mini and standalone App

A decentralized IoT asset tracking ecosystem using ESP32-C3, BLE 5.0, and Passive RFID. Features real-time proximity alerts, 'Tethered GPS' for last-seen location, and secure NFC/QR pairing.

CERTIFICATES

Android Developer

Completed a Google Android Developer Internship and gained hands on experience.

Embedded System

Completed the Microchip Embedded system Internship.

Industrial Automation

Completed practical training in industrial automation and system integration, Eduskills.

Industrial Training

Web Development, Mohit Infotech Islampur.

Python Basics Course

Python Programming, Programiz

C Master Course

C Programming, Programiz

AWARDS

Winner, Electrothon

10/02/2026

Enticers, DYPCOE, Akurdi

Core Electronics and Circuit Designing and Debugging

Winner, The Electronics Coding Challenge, 2025

12/02/2025

C2E2, DYPCOE, Akurdi

Microcontroller Programming, and problem solving.

1st Rank, Techno Showdown

24/01/2024

Government polytechnic, Karad

Aptitude based Quiz Competition

2nd Rank,C Quizhard

24/01/2024

Government polytechnic, Karad

Quiz and Practical Based C programming event

LANGUAGES

Marathi

Native / Bilingual

● ● ● ● ●

Hindi

Native / Bilingual

● ● ● ● ●

English

Fluent

● ● ● ● ●

Japanese

Level 1 Foundation - SPPU

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INTERESTS

Hardware Tinkering & IoT | AI-Integration & Automation | Japanese Language Studies |
Core Electronics | Development