

Krishna Thakur

krishhhh.work@gmail.com — +91 7028289876
[linkedin.com/in/krishna-thakur-6a6786293](https://www.linkedin.com/in/krishna-thakur-6a6786293) — github.com/kkrishhhh

EDUCATION

Pune Institute of Computer Technology (PICT) Bachelor of Engineering in Electronics and Telecommunication Pune, Maharashtra	Sept 2023 – June 2027
Vidya Valley North Point Higher Secondary Certificate (HSC) – 73.83% Pune, Maharashtra	2021 – 2023
S.B. Patil Public School CBSE – 88.00% Pune, Maharashtra	2021

PROJECTS

Currency Converter Chatbot | Flask — Dialogflow — CurrencyAPI — Render

- Built a currency conversion chatbot backend using Flask and integrated it with Dialogflow for natural language understanding.
- Fetched real-time currency rates via CurrencyAPI and deployed on Render with webhook integration.
- Implemented a dynamic conversion logic, fallback responses, and error-handling for user-friendly interactions.
- Handled edge cases like invalid input, same-currency requests, and missing currency names using custom response logic.
- Designed a clean POST handler route for Dialogflow's webhook to maintain lightweight and secure processing.

Cab Sharing Platform | HTML — CSS — JavaScript — PHP — MySQL — Figma

- Developed a web-based platform that helps students find daily ride-sharing partners for their commute.
- Enabled secure login and route-based matching for effective cabpool connections.
- Designed a modern UI prototype in Figma and implemented responsive frontend using HTML and CSS.
- Built backend with PHP and MySQL to handle ride requests, data storage, and availability status.
- Focused on solving traffic congestion and fuel consumption on campuses through shared transport.

Heart Pulse Monitoring Device | React — Express.js — ESP32 — MAX30102 — HTML — CSS

- Built a wearable device with real-time pulse tracking using MAX30102 sensor and ESP32 microcontroller.
- Created a React-based frontend to display live BPM stats synced from a Node.js API.
- Designed a health-focused necklace form-factor combining usability and style.
- Used Express.js to relay sensor data from ESP32 via HTTP and visualize it using custom UI.
- Integrated cloud-sync feature for future health report generation and alerts.

TECHNICAL SKILLS

- **Languages:** C++, C, Python
- **Web Development:** HTML, CSS, JavaScript, React, Figma
- **Backend/APIs:** Flask, Dialogflow, CurrencyAPI, Render
- **Developer Tools:** Git/GitHub, VS Code, IntelliJ
- **Data Analysis:** Tableau, Jupyter Notebook

LEADERSHIP EXPERIENCE

Operations Head – Impetus and Concepts (InC), PICT	2025
• Led teams and managed budgeting, logistics, and coordination for PICT's major cultural and tech event.	
Event Lead – Entrepreneurship Development Cell (EDC), PICT	2023
• Planned and executed innovation-based events, handled logistics, scheduling, and speaker coordination.	