Krishna Thakur

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EDUCATION

Pune Institute of Computer Technology (PICT) — Sept 2023 – June 2027
Bachelor of Engineering in Electronics and Telecommunication | Pune, Maharashtra

Vidya Valley North Point, Pune — 2021 – 2023
Higher Secondary Certificate (HSC) – 73.83% | Pune, Maharashtra

S.B. Patil Public School, Pune — 2021
CBSE – 88.00% | Pune, Maharashtra

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.
- Handled edge cases like invalid input and same-currency requests using custom fallback logic.
- Designed a lightweight POST handler for Dialogflow's webhook with secure error handling.

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

- Developed a web platform that connects students for daily ride-sharing and eco-friendly commuting.
- Built login + matching flow with PHP + MySQL and designed a responsive UI in Figma.
- Focused on solving fuel wastage and traffic congestion on campuses.
- Created a user-first frontend with clean, device-friendly layouts.

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

- Built a wearable device that monitors real-time pulse data and syncs to a Node.js dashboard.
- Used Express.js to receive ESP32 data and visualize it with React UI.
- Designed necklace-style form factor for health tracking with aesthetics.
- Integrated a basic cloud sync feature for future health report archiving.

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.