



Dhanush Rambhatla

Programmer building large-scale systems, security research, and open-source infrastructure.



[Dhanush Rambhatla](#)



[TheOnlyWayUp](#)

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Education

Chirec International School

CBSE Class I-XII

Mathematics, Physics, Chemistry, Economics, English
90% (Predicted) | 1510 SAT (Superscore)

Experience

Chirec MUN

June 2025

Head of Finance

- Led a **5-member finance team**, the **largest in the conference’s 13-year history**.
- Managed and audited a **₹30 lakh budget**, establishing SOPs to document and track every transaction.
- Reduced payment and remuneration turnaround from **60 days to 14 days**.
- Implemented a **transparent reimbursement system**, overseeing **₹2 lakh+** with zero discrepancies.

Chirec MUN

June 2024

Head of Technology

- Headed a team of **11 juniors**, managing technical infrastructure and a conference website with **36,000+ visits**.
- Designed training processes that significantly **reduced on-ground technical failures** during the event.
- Documented technical decisions and strategies for future secretariats.
- Coordinated with school management for routers, microphones, and power logistics across venues.
- Led real-time incident response, including resolving a **dining hall power short-circuit** by coordinating with engineers to restore systems in record time.

WP Archive

December 2023 - Present

Founder

- Built a large-scale **digital book archival platform**, crossing **1 million visits in March 2025 alone**.
- Raised **₹52,000+ in donations/fees** to support infrastructure and development.
- Designed and deployed a **machine-learning-based recommendation engine** used by **4,000+ users**.
- Expanded scope from file delivery to **data analytics, reader modeling, and recommendation systems**.

MC Tracker

November 2021 - February 2022

Co-Founder

- Grew the platform to **500,000+ views** in 3 months.
- Secured **\$2,000 USD in sponsorships**.
- Built the **Developer SDK** and handled backend systems.
- Served as the primary **community spokesperson**, gathering feedback and managing sponsor relations.

Security Research and Ethical Hacking

- Discovered an **authentication vulnerability** in Andrew Tate’s TRW platform, exposing **230GB+ of data**.
- Bypassed **Shott.in’s payment gateway**, enabling arbitrary pricing and free purchases; responsibly disclosed.
- Identified a **Microsoft account takeover vulnerability** in school infrastructure, leading to policy changes.
- Found a **global misconfiguration** exposing data of **70,000+ student accounts** (Cognita); coordinated disclosure and fix.

OpenSource Contributions

- 1,200+ open-source contributions** across 2023–2024.
- Contributions to projects including **LangChain**, **cal.com**, **Meta’s Audiocraft**, **daisyUI**, and others.
- Contributor to **koreader-calibre-plugin**, adding backward compatibility for legacy book formats.
- Maintainer of multiple libraries with **10,000–20,000+ downloads** each.

Projects

Case Search

- Embedded **1.7 million Indian court case proceedings**.
- Built a **semantic search engine** allowing lawyers to query cases using natural language instead of keywords.
- Optimized for real-time responses over a large corpus.
- Used by legal professionals for exploratory research.

API Wrappers & Developer Tooling (Python & Rust)

- Built and maintained a portfolio of **async-first API wrappers and developer libraries** across Python and Rust, accumulating **65,000+ downloads** over 4 years.
- Authored widely used packages including **async-animanga** (20k+ downloads), **mcstalker** (21k+), **discord-colorize** (13.1k+), **wattpad-py** (11.5k+), and **wattpad-rs** (1.3k+).
- Focused on **type safety, performance, and developer experience**, evolving from Python to Rust while maintaining production-grade APIs.

Tapas

- Built a **WhatsApp-based AI study assistant**.
- Analyzes forwarded documents and messages to manage deadlines, answer doubts, and generate study plans.
- Placed **2nd overall** at the CHIREC Hackathon.

YouTube QnA

- Developed a chatbot that uses YouTube as a knowledge base.
- Answers questions with **textual explanations grounded in specific, timestamped video references**.
- Focused on factual grounding rather than hallucinated responses.

PanchangamLite

- Built a **Vedic astrology tool** to calculate auspicious timings based on birth stars.
- Receives **300+ monthly users**, originally built for family use.

Skills

Programming Languages

Python, Rust, JavaScript, TypeScript, SQL, Lua

Systems

Async programming, APIs, Databases, Linux, Docker, Cloud Infrastructure

Artificial Intelligence & Machine Learning

Embeddings, Recommendation Systems, Semantic Search

Interests

Piano

Trinity Grade 3 Certified

Public Speaking

Pitching, Elocution, Extempore

Awards

2nd Place, CHIREC Hackathon

2025

Built *Tapas*, an AI-powered WhatsApp study assistant for document analysis, deadline tracking, and study planning.

Finalist, TCS InQuizitive Quiz

2024

1 of 8 finalists out of ~400 teams

Selected Team, I-Venture Program, Indian School of Business

2024

Admitted to ISB’s selective student entrepreneurship program as one of 26 teams, focusing on venture ideation, validation, and execution.

Outstanding Achievement in Archery, CHIREC international School

2023

Recognized for competitive performance and consistency at the school level.

Good Conduct Award, CHIREC International School

2023

Awarded for professionalism, responsibility, and conduct within the school community.

Piano Grade 3, Trinity College London

Achieved graded performance certification, demonstrating sustained practice and technical proficiency.