

# Hrithik Raj

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## EDUCATION

### Delhi Technological University

*Bachelor of Technology in Computer Science*

November 2022 – May 2026

*C.G.P.A : 7.50*

### S.T Thomas High Secondary School

*Senior Secondary from CBSE*

April 2021 – May 2022

*Dhanbad, Jharkhand*

### Narayana School Andal

*High School from CBSE*

April 2019 – March 2020

*Andal, West Bengal*

## EXPERIENCE

### Full Stack Intern

*Imperier Holdings*

June 2025 – July 2025

*Remote*

- Engineered full-stack web applications for internal investment tools using React.js, TypeScript, Node.js, and Tailwind CSS, streamlining deal tracking, risk analysis, and portfolio management for 50+ investment analysts.
- Implemented REST APIs with Express.js and MongoDB, improving data retrieval speed by 35%.
- Worked closely with investment analysts to understand workflows and convert them into intuitive UIs, reducing manual reporting by 30%.
- Led UI/UX improvements based on stakeholder feedback, increasing tool usage by portfolio managers by 40%.

## PROJECTS

### Chatty (*MongoDB, Express, React, Node.js, Socket.io, Tailwind CSS, Daisy UI, Zustand, JWT*)

- Developed a real-time chat application supporting over 100 simultaneous users, featuring instant messaging, live online status indicators, and message broadcasting using Socket.io, ensuring smooth and responsive communication.
- Secured user data with JWT-based authentication, handling over 500 login/signup operations with session persistence, role-based access control, and encrypted credential management to ensure security and user privacy.

### Resume Matching System (*Python, Streamlit, FastAPI, PostgreSQL*)

- Built an AI-powered Resume Matching System using NLP models (all-MiniLM-L6-v2, JobBERT-v2) with cosine similarity, achieving 90%+ matching accuracy and improving job relevance scoring for recruitment workflows.
- Created full-stack app (FastAPI + Streamlit) processing 1,000+ resumes daily with results under 2s.
- Integrated GROQ API for structured metadata extraction, enabling consistent parsing of 95%+ of diverse resume formats, including varied templates, PDFs, and DOCX files, improving data reliability for downstream matching.

### PDF Analyzer (*Python*)

- Architected a RAG-based PDF query app using LangChain & FAISS, enabling search on docs with 90% accuracy.
- Leveraged Groq API and Streamlit to deliver fast, interactive document querying for 100+ users.

## TECHNICAL SKILLS

- Languages:** Python, C,C++, JavaScript
- Frameworks/Technologies:** HTML,CSS,TypeScript,Node.js, Express.js, React.js, MySQL, MongoDB, Postgres, FastAPI, Streamlit,Git, GitHub, VS Code, Docker

## ACADEMIC ACHIEVEMENTS AND AWARDS

- Solved 300+ problems on various platforms like LeetCode and TUF plus.
- Achieved All India Rank 4494 in JEE Mains among 1.2M+ candidates, securing 99.95 percentile (Top 0.05%).
- Secured 1st place in the Typing Speed Competition at Invictus 2024 with an average speed of 85 WPM.

## POSITIONS OF RESPONSIBILITY

- Managed sponsorship acquisition, partner relations, and end-to-end event operations at IEEE DTU, securing key industry partners and ensuring smooth execution of high-attendance programs with 5,000+ participants.