



RITVIK PENDYALA

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DOB: January 19, 2002

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Education

INDRAPRASTHA INSTITUTE OF INFORMATION AND TECHNOLOGY

CGPA: 7.2*

B. Tech (CSE)

2020 – 2024(Present)

NARAYANA JUNIOR COLLEGE, HYDERABAD

Percentage: 97.9%

TELANGANA STATE BOARD

2018 – 2020

NARAYANA ACADEMY, HYDERABAD

CGPA: 10

CBSE

2015 – 2018

Skills

Expertise Area

Data Structures and Algorithms, Computer Organization, Object Oriented Programming(OOPS), Discrete Mathematics, Operating Systems, Advanced Programming in Java, Analysis and Design of Algorithms, Database Management Systems

Programming Language

Java, Python, C, JavaScript, MySQL, Dart

Tools and Technologies

Turtle, Git, HTML, CSS, React, Node, MySQL Workbench, Flutter, Flask.

Technical Electives

Prototyping Interactive Systems (Design), Human-Computer Interaction (Design), Quantitative Biology (Bio)

Internship

Part-time Software Developer(IRD-IIITD)

(May'22 – present)

Guide: [Prof. Mukesh Mohania\(Dean IRD,IIITD\)](#)

- Developing and managing the Inhouse tools and interfaces for the management of data and information for further evaluation purposes.
- Tools used: HTML, CSS, ReactJS, NodeJS, Express, Pug and MySQL.

Projects

The Will Hero Game

(Nov'21 – Dec'21)

Guide: [Prof. Vivek Kumar\(IIITD\)](#)

Team Size-2

- Working Game Clone of the Original game.
- The Will Hero Game using Java OOPS and JavaFX.

Assembler and Simulator

(July'21 – Aug'21)

Guide: [Prof. Sujay Deb\(IIITD\)](#)

Team Size-3

- Generating Machine Code and performing quite a few basic mathematical operations.
- Python based project.

Website Portfolio

(Dec'21 – Jan'22)

Personal Project

- Developed a Website Portfolio for myself, a static website with a few functionalities.
- HTML, CSS and JS are the Technologies used.

Online Retail Store

(Jan'22 – Present)

Guide: [Prof. Mukesh Mohania\(Dean IRD,IIITD\)](#)

Team Size-4

- Working on a web-based application clone of a retail store with the front end made using HTML, CSS, JavaScript.
- The Backend being integrated with Flask and MYSQL.

Positions of Responsibility

- The 65th Square Coordinator (IIITD's Chess Club).
- Member of the Service Wing at Sathya Sai Centre, Nairobi, Kenya.
- Vice Chair, MSMUN.

(May'22 –present)

(Jan'20– present)

(Jan'14 – Jan'15)

Awards and Achievements

- JOINT 1ST in African Continental Youth Chess Championship and many other honors and bestows. Awarded **Fide Master (FM)** [title](#) (2012) and Rated 1492.
- 2nd place in ROYAL ACADEMY, London – Essay Competition.
- Hiked Mt. Kenya (3rd Peak).

Interests and Hobbies

- Playing Chess, Gaming and E-sports.
- Watch and play FOOTBALL(LIVERPOOL).
- Photography.

Declaration: The above information is correct to the best of my knowledge.
RITVIK PENDYALA, Date: APRIL 12, 2022.