

# Nipun Rautela

Software Developer

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<https://nipunrautela.github.io/>

nipunrautela

Nipun Rautela

## PROGRAMMING LANGUAGES

C++

Intermediate

● ● ● ● ○

HTML5

Advanced

● ● ● ● ●

JavaScript

Intermediate

● ● ● ○ ○

PHP

Intermediate

● ● ● ○ ○

## INTERESTS

Drawing

Anime, Landscapes

Music

Pop, Lofi

Video Games

FPS, RPG, MMO

Sports

Badminton, Table Tennis, Skating

## EDUCATION

Vellore Institute of Technology

(Apr 2021 - Present)

B. Tech, Computer Science and Engineering

8.91

<https://vit.ac.in/>

GD Goenka Public School

(Dec 2014 - Oct 2021)

Class 12th, Computer Science

91%

<http://gdgoenkamodeltown.com>

## SKILLS

App Development

Beginner

● ● ● ○ ○

Flutter, Android

Frontend Web Development

Intermediate

● ● ● ● ○

HTML, CSS, JavaScript, jQuery, React.js

Backend Web Development

Intermediate

● ● ● ● ○

Node.js, PHP

Database

Intermediate

● ● ● ○ ○

MySQL, PostgreSQL, Firebase

## PROJECTS

KoDS Bot

(Apr 2020 - Oct 2020)

Discord bot to manage guild

Developed bot used for management of guild, encompassing features like profile creation, shop menu, ranking system., profile card creation through image manipulation.

<https://github.com/nipunrautela/KoDS-Bot>

Python, discord.py

Weather Prediction

(Mar 2021 - May 2021)

Python program to predict weather for sweden using dataset from <https://www.smhi.se/>

Python, Machine Learning, Random Forest

WhatsApp UI Clone

(Oct 2021 - Nov 2021)

Created UI clone of WhatsApp

[https://github.com/nipunrautela/whatsapp\\_clone](https://github.com/nipunrautela/whatsapp_clone)

Flutter, Dart, UI

Graph Visualizer

(Jan 2022 - Mar 2022)

Graph Visualizer in Python

Worked on the majority of the GUI and over time improved rendering speeds by 20% and decreased memory usage by 10%.

<https://github.com/nipunrautela/graph-visualizer>

Python, Turtle, Graph, Graph Search