

Praveen Chandra Patro

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EDUCATION

NIT RAIPUR

BTECH IN COMPUTER SCIENCE

CPI: 8.71

Grad. 2026 | Raipur, IN

KENDRIYA VIDYALAYA NO. 2

XII (SCIENCE)

Percentage: 97.2%

2022 | Raipur, IN

KENDRIYA VIDYALAYA NO. 2

X

Percentage: 96.4%

2020 | Raipur, IN

SKILLS

PROGRAMMING

C • C++ • HTML • CSS • Python

• JavaScript

Familiar:

TypeScript • Java • Dart

LIBRARIES/DATABASES

ReactJs • Bootstrap • Tailwind CSS

NodeJs • Express • Django

MongoDB • MySQL • Firebase

COURSEWORK

Operating System • OOP using C++

Computer Networks • DBMS • DSA

ACHIEVEMENTS

• **3*** on **CodeChef** (max rating **1676**) with best global rank **114** in Starters 128 Div. 3

• **Pupil** on **CodeForces** (max rating **1260**) with best global rank **2208** in CodeForces Round 938 Div. 3

• **LeetCode** (max rating **1652**) with best global rank **4802** in Biweekly Contest 126

• Solved **500+** problems on LeetCode

• **CodeUtsava 7.0**

• **HacktoberFest 2023**

• **HackTheSpace 2023**

• **Postman API Fundamentals Student Expert**

LINKS

CodeChef:// [praveenpatro99](#)

CodeForces:// [praveen.patro911](#)

LeetCode:// [user0812L](#)

HackerRank:// [praveen_patro911](#)

DevFolio:// [cyberwarrior95](#)

PROJECTS/ OPEN SOURCE

POTHOLE DETECTION | [LINK](#)

REACTJS, TAILWIND CSS, FIREBASE, SELENIUM WEBDRIVER

- Web developer for team Accio Devs in **CodeUtsava 7.0** Hackathon
- Developed significant front-end components including Home, Form and Map pages using **React + Vite, Tailwind CSS**
- Automated 3D model generation from ZoeDepth, storage and display using **Selenium, Firebase**
- Project aims to provide a robust **IoT framework** for **autonomous pothole detection, data collection, and real-time cloud visualization to address urban road infrastructure challenges** (using Flask backend, CV Libraries, YOLOv8 for precise pothole detection, MiDaS Monocular Depth Estimation for accurate depth assessment, Zoe-Depth for creating detailed 3D models)

VIDEO DOWNLOADER | [LINK](#)

PYTHON

- Wrote a **Python script** for content creators to download YouTube videos using **PyTube** library

BMI CALCULATOR | [LINK](#)

JAVA, XML

- Developed a **BMI Calculator** App for **Android** using **Java**

THE AGRO-HUB | [LINK](#)

REACTJS, TAILWIND CSS, EXPRESS, NODE

- Front-end developer for team Code Bandits in **HackTheSpace 2023**
- Project aims to provide an **end-to-end solution** for farmers/students to get the latest knowledge about **govt. schemes using AgroBot** (RASA Chatbot), **MSPs** and **trends of prices** of their crops in the local markets, new technologies, and also to provide an **active community** for farmers to resolve their queries

OPEN SOURCE

- Contributor at **GSSoC 2024** and **KWoC 2023**
- Made **7 PRs** in **Hacktoberfest 2023** and **2 PRs** in **KWoC 2023**
- Contributor and active member of **NITRR Open Source Community (NOSC)**

POSITIONS OF RESPONSIBILITY

TURING CLUB OF PROGRAMMERS | TECHNICAL EXECUTIVE

Sep 2023 – Present

- Made contributions to front-end **React** based application for CodeUtsava 7.0 - [Link](#) | [GitHub](#)
- Developed **React** based front-end and **Django** based back-end alongside a team of 5 executives for annual **Mentorship program** [Frontend GitHub](#) | [Backend GitHub](#)

TURING CLUB OF PROGRAMMERS | PR & MARKETING EXECUTIVE

Sep 2023 – Present

- Responsible for public relations and marketing activities of the club