

Pratyush Nagpal

+91 9893958396

in Pratyush-Nagpal

✉ h83pratyush@gmail.com

🌐 PratyushNagpal

Education

National Institute of Technology, Raipur

Bachelor of Technology

Electronics and Communication Engineering

Cumulative GPA - **8.2/10**

Raipur, Chattisgarh

Sept 2021 – Present

The Daly College ,Indore

Senior Secondary Education

Percentage: **96.2 %**

Indore, India

May 2010 – August 2021

Work Experience

InfoBeans

Web-Developer Intern | Certificate

May 2023 – June 2023

- Worked at **InfoBeans** as a summer intern, specialising in **backend web development**.
- Developed and maintained backend functionalities using technologies such as **Python/Django**
- Gained experience in working with **Database Management Systems** (e.g. MySQL) and **APIs**.

Projects

MedStream Analytics

Healthcare Analytics Application

[Project Link](#)

- Collaboratively engineered a **fault-tolerant streaming** application with **real-time data processing**.
- Implemented **CEP** and the **Digital Twin** for proactive healthcare analytics.
- Achieved a remarkable **90 % latency reduction**, eliminating batch processing drawbacks.
- Tech Stack Used **Apache Kafka, Apache Flink (CEP), Digital Twin, Python**

DriveBOX

Hosting Web Application.

[Project Link](#)

- Designed and developed a responsive **Hosting Website** for project collaboration and uploads.
- Implemented secure **user login/logout** functionality to enhance website accessibility and data privacy.
- Lighthouse Scores **Performance - 100 | Best Practice - 100**
- Tech Stack Used: **Python/Django, HTML, Bootstrap CSS, Javascript, MySQL**

Technical skills

Programming Languages

C++, SQL , Python(BASIC)

Frameworks

Django, MySQL , PostgreSQL, HTML, CSS, Bootstrap, Tailwind

IT Construct

Data Structures, Algorithms, OOPs, Data Base Management System

Position of Responsibility

Turing Club Of Programmers(Coding Club)

RAAGA (Music Club)

National Cadet Corps(NCC)

Manager of PR, Marketing and spons team.

The sole **Violinist**, in the college

Ranked **Cadet**, with B-Certificate holder.

Awards and Achievements

Hackathon Finalist

GE Healthcare Precision Care Challenge 2023

September 2023

Leetcode Bi-Weekly Contest 110

Ranked - 2579 out of 25,000 registered candidates.

Problem Solving

Solved over 700+ Problems over various coding platforms.

Coding Profiles

GeeksForGeeks

LeetCode

CodeForces