Pratyush Nagpal

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Education

National Institute of Technology, Raipur *Raipur, Chattisgarh*
Bachelor of Technology *Sept 2021 – Present*
Electronics and Communication Engineering
Cumulative GPA - **8.2/10**

The Daly College ,Indore *Indore, India*
Senior Secondary Education *May 2010 – August 2021*
Percentage: **96.2 %**

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 , JS
Frameworks	Django (RESTful APIs), MySQL , PostgreSQL,HTML, CSS, BootStrap, Tailwind
IT Construct	Data Structures, Algorithims, OOPs, DBMS, OS

Position of Responsibility

Turing Club Of Programmers(Coding Club)	**Manager** of PR, Marketing and spons team.
RAAGA (Music Club)	The sole **Violinist**, in the college
National Cadet Corps(NCC)	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 900+ Problems over various coding platforms.*	

Coding Profiles

GeeksForGeeks	LeetCode	CodeForces