# Piyush Kumar Srivastav

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## OBJECTIVE

I am an enthusiastic third-year B-tech student looking for an opportunity to make use of my knowledge of data structures and algorithms, competence with cloud computing systems, and knowledge of web development. Currently, I am learning Data Science. My foundation in mathematics and analytical thinking has honed my problem-solving abilities, which I believe are crucial in the dynamic world of software engineering. I'm eager to contribute original ideas, optimize processes, and gain hands-on experience in a dynamic environment while expanding my knowledge and professional network.

## HACKATHON/EXPERIENCES

**Google Cloud, AMD and GFG's Solving for India Hackathon**

- Qualified for regionals (North Zone)
- Project on Live Mask Detection Web Application using ML
- Web app based on HTML, CSS and JavaScript, backend using Flask framework, REST API, ML model, and Google Cloud Platform

## EDUCATION

**COLLEGE NAME-**

**Indian Institute Of Information Technology, Sonepat** *(2021 – 2025)*

Course: Computer Science Engineering, SGPA (4th Semester) – 8.0833

**SCHOOL NAME-**

**St. John's School, Tulsipur, Ghazipur** *(2018 – 2020)*

Grade: Percentage (XII) – 97.4%

## SKILLS

- Java
- C++
- Python
- Data Structure & Algorithms
- HTML
- CSS
- JavaScript
- Flutter Framework for App Development
- Google Cloud
- AWS
- Machine learning
- Git/GitHub
- Flask
- Django
- Communication skills
- Confident presenter

## PROJECTS

**Mask Detection Android App**

- I created the app from scratch as my first project.
- The Tech stack used are Flutter framework, Machine Learning, Python REST API and Flask.

**Mask Detection Web App**

- Integrated the mobile technology into web and also provided live detection.
- The Tech stack used are Python, HTML, CSS, JavaScript, Google Cloud Platform, Machine Learning, REST API and Flask.

**Algorithm Visualizer Web Application**

- Implemented the algorithms and their animations in JavaScript and CSS.
- The tech stacks used are Python, HTML, CSS, JavaScript and React.