

**PRATYUSH KUMAR**Course : **B.E. (Hons.)**, Electrical and Electronics Engineering, 2025

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CGPA : 6.97

**ACADEMIC DETAILS**

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Sarla Chopra DAV Public School , Noida	CBSE	88.6 %	2021
CLASS X	Sarla Chopra DAV Public School , Noida	CBSE	94.6 %	2019

Subjects / Electives	Operating Systems , Foundations of Data Structures and Algorithms , Object Oriented Programming , Computer Programming
	Kafka , MySQL , Node.js , Python3 , Prometheus , Data Structures , Java , Sails , PostgreSQL , Object-Oriented Programming (OOP) , Database Systems , C++ Language , Grafana , Algorithms
Technical Proficiency	

SUMMER INTERNSHIP / WORK EXPERIENCE

Product Development Intern - Backend , Smart Joules Pvt. Ltd.	Jul 2024 - Jan 2025
<ul style="list-style-type: none">Used Prometheus to make dashboards on Grafana to observe failures on various APIs.Used Novu to create a mailing and SMS notification system.Deprecated APIs not being put into production anymore.Worked on the design and wrote some APIs for a command retention system.Created APIs to store and change communication data for the alert system to be developed using Novu.Created a database to audit all state changes across multiple databases using Kafka and PostgreSQL.	
Summer Intern , Prama Instruments Pvt. Ltd.	May 2023 - Jul 2023
Collected sensor data using Arduino IDE and a microcontroller ESP32 to create a weather monitoring system for the organization.	

PROJECTS

Anomaly Detection - Machine Learning	Oct 2024 - Oct 2024
Detect anomalies in a real-time sequence of floating point numbers.	
https://github.com/peekayyychu/Anomaly-Detection	
Autograder - Python	May 2024 - Jun 2024
Uses python to evaluate programme files written in C language . The grades are stored in marks.csv	
https://github.com/peekayyychu/Autograder.git	
Crypto exchange wallet - Object Oriented Programming	Aug 2023 - Oct 2023
Uses concepts of OOP and C++ language to create a currency exchange and a wallet which can be used to store and exchange crypto currency.	
https://github.com/peekayyychu/Crypto-exchange-wallet	

POSITION OF RESPONSIBILITY

Electronics Lead - Project CANSAT	May 2023 - Apr 2024
Working on sensors , motors & PCB used in the project . Helping juniors with Arduino & PCB building .	
Vice Lead - Project CANSAT	May 2023 - Apr 2024
Handling the operations of Project CANSAT.	

CERTIFICATIONS

CERTIFICATION	CERTIFYING AUTHORITY
Object Oriented Programming	University of London & Goldsmiths , Coursera