





# KRISHNENDU CHATTERJEE

## WEB DEVELOPER

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## PERSONAL PROFILE

A passionate and obsessed coder having leadership quality and management skills. Interested in IOT projects. Prefer teamwork.

## EDUCATION

**B. P. Poddar Institute of Management and Technology** | 2018 - Present

- Degree : B-Tech | Information Technology(pursuing)  
University : M.A.K.A.U.T.  
CGPA (Second year) : 8.03

**St. Xavier's Institution** | 2005 - 2018

- Degree : ISC  
Board: CISCE  
Aggregate : 83%  
Year of Passing : 2018
- Degree : ICSE  
Board: CISCE  
Aggregate : 90%  
Year of Passing : 2016

## ACCOMPLISHMENTS

- Secured 3rd Position in inter-college event "Smart Coder 2.19 " of 500 participants
- GATE qualified in CS 2021
- Achieved Top 1% in NPTEL Problem solving in C course
- Speaker at IOT workshop in college

## HOBBIES

Nature Photography , Exploring new skills

## KEY COMPETENCIES

### Programming Languages

- Advanced : Python , Java , C , JavaScript , SQL , NodeJs
- Intermediate : C++ , Arduino
- Basic : MongoDB, Dart , Bootstrap

### Framework

- Spring Boot , Django , Vue , Express

### Others

- Git

## PROJECTS

### P2P Video Calling App

Role : Development

Tech Stack : NodeJS , Socket.io

Description : P2P video calling application implementing **WebRTC** using

### Websockets and Rest API

URL : [kris-webrtc.glitch.me/](https://kris-webrtc.glitch.me/)

### Home Automation Backend

Role : Backend Development

Tech Stack : **Django** , Django-Channels , **PostgreSQL** , Redis

Description : **User Authentication** , **Rest API** , **Websockets** , **MQTT** and **Server-Sent Events** implementation for Home Automation System using

Asynchronous Django channels.

URL : [bhawan.herokuapp.com](https://bhawan.herokuapp.com)

### Social Media Sentiment Analysis

Role : Development

Tech Stack : **Python** , **Pandas** , **Scikit-learn** and **Nltk**

Description : Implementation by removing unnecessary words and then applying Naive Bayes Machine Learning Algorithm.

URL : [github.com/krishnendu/twitter-sentiment-naive-bayes](https://github.com/krishnendu/twitter-sentiment-naive-bayes)