

# KRISHNENDU CHATTERJEE

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## CAREER OBJECTIVE

To join a company that offers me a stable and positive atmosphere and inspires me to enhance and therefore to innovate the work culture for the betterment of me as well as the organization.

## EDUCATION

### B. P. Poddar Institute of Management and Technology | 2018 - 2022(pursuing)

- Degree : B. Tech | Information Technology  
University : M.A.K.A.U.T.  
CGPA (Sixth Semester) : 8.59  
Current Semester : 8th

### 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

- Achieved Top 10% in DareToCompete Off-Campus Drive among 1 lakh candidates in 2021
- GATE qualified in CS 2021
- Speaker at IOT workshop in B. P. Poddar Institute of Management and Technology in 2020
- Secured 3rd Position in inter-college event "Smart Coder 2.19" of 500 participants in 2019
- Achieved Top 1% in NPTEL Problem solving in C course in 2019

## HOBBIES

Nature Photography , Exploring new skills

## KEY COMPETENCIES

### Programming Languages

- Java , JavaScript , Python , C , SQL , NodeJs , Arduino , MongoDB

### Framework

- Django , Express

### Others

- Git, Linux, AWS, CI/CD pipelines

## INTERNSHIP

### Software Engineering Intern

Instahyre | Dec 2021 - Present

- Leveraged my knowledge in Django and python
- Worked with the development team to refine the debugging process
- Fixed bugs in existing apps
- Improved query time for existing queries through Django ORM

## PROJECTS

### • Peer to Peer Video Calling App | Jun 2021 - Jul 2021

Role : Development

Tech Stack : **NodeJS** , **Socket.io**

Description : **Peer to Peer** video calling application implementing **WebRTC** using **Websockets** and **Rest API**

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

### • Home Automation Backend | May 2020 - Nov 2020

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)

## PUBLICATIONS AND BLOGS

- Published a paper entitled "Sentiment Analysis on Twitter Data: A Comparative Approach" in IJCSMA in 2021  
<https://ijcsma.com/publications/october2021/V9I1001.pdf>
- Published an article entitled "Replace String Patterns with C/C++" in medium in 2021  
<https://kris07.medium.com/replace-string-patterns-with-c-c-bdc37ef2ee7d>