

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

- Degree : B. Tech | Information Technology
University : M.A.K.A.U.T.
CGPA (Sixth Semester) : 8.87
Passing Month : June 2022

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

PUBLICATIONS AND BLOGS

- Published a paper entitled "Sentiment Analysis on Twitter Data: A Comparative Approach" in IJCSMA in 2021
- Published an article entitled "Replace String Patterns with C/C++" in medium in 2021

KEY COMPETENCIES

Programming Languages

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

Framework

- Django, Express, React, AngularJs

Others

- Git, Linux, AWS, CICD pipelines

WORK EXPERIENCE

Software Engineering Intern | Instahyre | Dec 2021 - May 2022

Software Engineer | Instahyre | Jun 2022 - 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

• End to End Encrypted Message Sending | Jan 2022 - Jun 2022

Role : Full Stack Development

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

Description : User Authentication , Rest API , Websockets, using Asynchronous Django channels to send message and **AES** Algorithm to **encrypt in client side**

URL : buzz-out.herokuapp.com

• 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/

• 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

HOBBIES

Nature Photography , Exploring new skills