



Krishnendu Chatterjee

Software Engineer

Passionate coder eager to develop new skills

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WORK EXPERIENCE

Software Engineer Instahyre (startup)

12/2021 - Present

Technology-driven hiring platform

Delhi, India

Achievements/Tasks

- Working with development **team** and participating in **code reviews**
- Working with **production** environment and new features
- Developed features like **chrome extension**, **internship jobs**, **leaderboard** portal
- Integrated platforms like teamgate and posthog
- Improved **performance** of several apis
- Improved **query time** for existing queries through Django ORM

PERSONAL PROJECTS

End to End Encrypted Message Sending (01/2022 - 06/2022)

- Tech Stack : Django , React , Django-Channels , PostgreSQL , Redis , PWA
- Implemented **user authentication** , **rest API** , **websockets**, using asynchronous Django channels to send message and AES Algorithm to **encrypt** in client side

Peer to Peer Video Calling App (06/2021 - 07/2021)

- Tech Stack : NodeJS , Socket.io
- Peer to Peer** video calling application implementing **WebRTC** using websockets and rest API

Home Automation System (05/2020 - 11/2020)

- Tech Stack : Django , Django-Channels , PostgreSQL , Redis
- Rest API , **websockets** , **MQTT** and Server-Sent Events implementation for Home Automation System using Asynchronous **Django channels**.

EDUCATION

B. Tech

B. P. Poddar Institute of Management and Technology, Kolkata

08/2018 - 06/2022

8.87 CGPA

Courses

- Information Technology

School

St. Xavier's Institution

2005 - 2018

Kolkata

Courses

- ISC - 2018

- ICSE - 2016

SKILLS

Django

AngularJs

Javascript

SQL

Springboot

ExpressJs

NodeJs

Python

Java

C/C++

Elasticsearch

Redis

React

Linux

Cloud

ACHIEVEMENTS

Received Top Performer award at Instahyre (12/2022)

GATE qualified in CS (2021)

Speaker at IOT workshop in B. P. Poddar Institute of Management and Technology (2020)

Secured 3rd Position in inter-college event "Smart Coder 2.19 " of 500 participants (2019)

Achieved Top 1% in NPTEL Problem solving in C course (2019)

PUBLICATIONS

Published a paper entitled "Sentiment Analysis on Twitter Data: A Comparative Approach" in IJCSMA (2021)

Published an article entitled " Replace String Patterns with C/C++ " in medium (2021)

LANGUAGES

English

Full Professional Proficiency

Hindi

Professional Working Proficiency

Bengali

Full Professional Proficiency

INTERESTS

Trekking

Nature Photography

New technologies