

# Subhomoy Roy Choudhury

✉ subhomoyrchoudhury@gmail.com

📍 Kolkata, India

🐙 github.com/subhomoy-roy-choudhury

☎ +91 9163855365

🌐 linkedin.com/in/subhomoy-roy-choudhury-70aab81a7

## EDUCATION

### B.Tech. (ECE)

Institute of Engineering & Management

2016 - 2022

West Bengal, India

Electronics and Communication Engineering

CGPA :- 8.9

## WORK EXPERIENCE

### Software Development Engineer

SHOPSENSE RETAIL TECHNOLOGIES LIMITED

07/2022 - 2022

Bangalore, India

Shopsense Retail Technologies Private Limited, doing business as Fynd, develops and operates a mobile shopping application. The Company, through its application, sells lifestyle products from branded stores, as well as integrates product inventories of brands and distributes them to demand channels, including e-commerce platforms. Fynd serves customers in India

Achievements/Tasks

- Maintained the catalog microservices for Fynd Platform using python
- Created the authentication and authorisation system for a new catalog enrichment platform using NodeJS
- created the frontend of the platform using ReactJS and Redux.

### Software Engineer Intern

SBNRI

06/2021 - 06/2022

Remote, India

Achievements/Tasks

- Collaborated effectively with members of the software development team and personnel in other departments.
- Worked on the backend using Django framework and also used development tools such as AWS ECS and Jenkins on regular basis.
- Worked on SBM Banking APIs Integration and also Mutual Fund and FD Trackers
- Worked on frontend designing of the Landing pages using TailwindCSS

### Junior Researcher

ITEM IEDC

06/2021 - 12/2021

West Bengal, India

Achievements/Tasks

- Worked in Full Stack Development of a CTF Website using Django and Vanilla JS.
- Deployed the website on Raspberry using Port Forwarding .

### Software Developer Intern

Hackveda Ltd.

09/2020 - 05/2021

Remote, India

Achievements/Tasks

- Heavy focus on full-stack engineering with modules on both front and back-end processes.
- Used Python Django For Backend.
- Worked using AWS Elastic Beanstalk for Deployment.

## SKILLS

Problem Solving / Data Structures / Algorithms

Backend - NodeJS (Express) / Python(Flask, Django)

Full Stack Development - MERN

Frontend - ReactJS + TypeScript + Redux

Git/Github

Cloud - GCP, AWS

DBMS - MongoDB, MySQL, PostgreSQL

Shell Scripting

Docker

## PERSONAL PROJECTS

### Thor 2.0

- This is an AI Chatbot that uses Deep Learning and NLP to understand different types of conversations and it can also identify the gender and age of the person.
- Along with all this, it also has a 4 layer MFA system using face Recognition and Speech Recognition.

### Covid-Pneumonia Classification

- I have designed an Imagenet Classification model using Keras and Tensorflow and Convolutional Neural network.

### Hack\_IP

- This is a Command Line Tool that is used to track IP addresses and also to retrieve the system information.

### Research Paper Finder

- This is a command-line tool to extract research paper details along with their download links with the help of keywords

### local-software-development-toolkit

- local setup for MongoDB, Solr, PostgreSQL, pgAdmin etc using Docker, Python and Go

### SSH Manager

- Toolkit to manage ssh connection using bash

### Family Tree Generator

- CLI Tool for adding family members and get the relation between them

Further more projects on my GitHub / Portfolio

## CERTIFICATES

IBM AI Engineering - Coursera

CNSS Certified Network Security Specialist - ICSI

Introduction to Programming using Python - MTA (Microsoft)