

# Subhomoy Roy Choudhury

Passionate software developer with 1.5 years of industry experience ( plus 2 year internships with live projects ) in Node.js, Python (Django, Flask), Kubernetes, and Docker. I thrive on tackling real-life challenges, problem solving and delivering end-to-end solutions.

✉ subhomoyrchoudhury@gmail.com

📍 Bangalore, India

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

📞 +91 9163855365

🌐 src-portfolio.oderna.in/

🐙 github.com/subhomoy-roy-choudhury

## WORK EXPERIENCE

### Software Development Engineer ( 1+ YoE ... )

Fynd

07/2022 - Present

Bangalore, India

Achievements/Tasks

- Skillfully maintained and optimized the catalog microservices for the dynamic Fynd Platform, leveraging the power of Python's Flask and FastAPI frameworks.
- Spearheaded the development of a robust and secure authentication and authorization system for a cutting-edge catalog enrichment platform, employing the versatility and performance of NodeJS.
- Demonstrated expertise in architecting and implementing the frontend of the catalog enrichment platform using ReactJS and Redux, resulting in a seamless and intuitive user experience for both clients and end-users.

### Software Engineer Intern ( 1+ YoE )

SBNRI

06/2021 - 06/2022

Remote, India

Achievements/Tasks

- Leveraged Django framework for backend development, proficiently employing AWS ECS and Jenkins for seamless deployment.
- Orchestrated SBM Banking APIs integration, alongside crafting robust Mutual Fund and FD Tracker functionalities.
- Amplified user experience by skillfully contributing to frontend design, shaping captivating Landing pages through TailwindCSS.

### Junior Researcher ( 6m )

IEM IEDC

06/2021 - 12/2021

West Bengal, India

Achievements/Tasks

- Contributed to Full Stack Development of CTF Website utilizing Django framework and Vanilla JS.
- Successfully deployed the platform on Raspberry Pi, implementing Port Forwarding for seamless external access.

### Software Developer Intern ( 8m )

Hackveda Ltd.

09/2020 - 05/2021

Remote, India

Achievements/Tasks

- Led full-stack engineering projects, seamlessly integrating front and back-end processes.
- Proficiently utilized AWS Elastic Beanstalk for seamless deployment of applications, ensuring optimal performance and scalability.

## 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

Kubernetes

## PERSONAL PROJECTS

meet-api-python [↗](#)

- Created a Python PIP library enabling seamless integration for scheduling, listing, and deleting Google Meet sessions directly from existing Python applications. Simplifies virtual collaboration by streamlining Google Meet management processes.

Hack\_IP [↗](#)

- I have developed a Command Line Tool that enables efficient tracking of IP addresses and retrieval of system information. This project simplifies the process of managing IP addresses and accessing crucial system details in a user-friendly manner.

local-software-development-toolkit [↗](#)

- I successfully created a local development setup using Docker, Python, and Go. This setup included setting up and configuring MongoDB, Solr, PostgreSQL, and pgAdmin, allowing for efficient development and testing of various applications.

SSH Manager [↗](#)

- I have developed a comprehensive toolkit leveraging Bash scripting that streamlines the management of SSH connections. This project simplifies the process of connecting to remote servers, automates repetitive tasks, and enhances security, ultimately empowering software engineers in their full stack development endeavors.

Family Tree Generator [↗](#)

- a versatile CLI Tool facilitating the addition of family members and offering the ability to discern their relationships effortlessly.

Covid-Pneumonia Classification [↗](#)

- I have successfully designed an advanced Imagenet Classification model. Utilizing Keras, Tensorflow, and Convolutional Neural Networks (CNN), I developed a robust and accurate solution for classifying images in the Imagenet dataset.

Further more projects on my GitHub / Portfolio [↗](#)