

SITIKANTA PANIGRAHI

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EXPERIENCE

SANIN | BACKEND DEVELOPMENT INTERN

May 2021 - June 2021 | Remote

- Worked on the backend of the app that provides the location of oxygen providers to the people in need during the COVID-19 pandemic.
- Created **Restful Apis** using **Flask** Framework and used **Firestore db** as a database.
- Developed custom function to get distance between providers and consumers from their live location using google's **geocoding api**.
- Setup a CI/CD pipeline using **Github Actions**, **Docker** and **Azure Container Registry** which lead to the application being pushed to production.

CAREER POINT | FREELANCER

Jan 2021 - Feb 2021 | Balasore, Odisha

- Developed the website of IT Career Point.
- Created video and image upload functionality using **Django**.
- Used **AWS S3** as file storage, **AWS RDS**(postgresql) as database and deployed the app using an **EC2** instance.

PROJECTS

COLLABO | DJANGO CHANNELS, PYTHON, POSTGRESQL, REDIS

Aug 2021

collabo.io

- Implemented a web based collaboration platform which uses **Web Sockets** to enable realtime code sharing, code editing, text messaging and drawing all at once.
- Developed this app using **Django Channels**, which enables web sockets for bidirectional duplex tcp connection and **Redis** is being used as channel layer which allows the data flow between different instances of the application.
- Created fully encrypted chat and realtime code editing environment.

SASSIFY | DJANGO RESTFRAMEWORK, REACTJS, NGINX, DOCKER

June 2021

Sassify.prod

- Developed a highly scalable E-Commerce engine to build your own custom marketplace in a flash.
- Architected the backend using **Django Rest Framework**, designed the frontend using **Reactjs** where **Redux.js** acted as a centralized state manager and used **postgresql** as database.
- Integrated **Nginx** for serving static and media files as well as reverse proxy for Gunicorn web server.
- Connected **ElasticSearch** with the app for product indexing and faster searching.
- Used **Docker** containers for smooth deployment.

SMART RSVP | DJANGO, CHART.JS

May 2021

SmartRSVP.app

- Created the whole app using Django and chart.js
- Implemented QR code based invitation system.
- Integrated Chart.js to visualize event wise data.

EDUCATION

VEER SURENDRA SAI UNIVERSITY OF TECHNOLOGY, BURLA

BACHELOR OF TECHNOLOGY IN INFORMATION TECHNOLOGY

August 2019 - Present | Burla, Odisha
CGPA: 8.97 (upto 4th Semester)

F.M JR COLLEGE, BALASORE

INTERMEDIATE(PCM)

July 2016 - June 2018 | Balasore, Odisha
Percentage: 82.5

SKILLS

PROGRAMMING

More Experienced in:

C++ • Python • Django • Flask

Django Rest Framework • Reactjs

Django-Channels

VCS & BUILD TOOLS

Git • Github Actions • Docker • Azure
Container Registry

DATABASE

Postgresql • Firebase • MySQL

CLOUD SERVICES

Azure • AWS

OTHER

Rest Api • WebSocket

ACHIVEMENTS

2021 Codechef 3 star

2021 GirlScript Summer Of Code

2020 Hackerrank 5 star

COURSEWORK

Object Oriented Programming

Algorithms and Data Structures

Database Engineering

Computer Networks

ACTIVITIES

Backend Lead @MLSA

Quizzine Club, VSSUT

INTERESTS

Football

Writing articles

Food Recipes