SITIKANTA PANIGRAHI

sitispeaks.github.io | sitikanta.panigrahi.2000@gmail.com | +91 7008084860| Github | Medium | Linkedin

EXPERIENCE

SANINS | Backend Developer
May 2021 - June 2021 | Remote
- Worked on Amlajan app that connects the voices of those in need of oxygen.
- Created **Restful Api** using **Quart** Framework and **Firestore db**.
- Developed custom function to get distance between providers and consumers from their live location using google's **geocoding api**.
- Created custom functions to send images in **Base64** encoding format.
- Setup a CI/CD pipeline and exceeded requirements in each stage using **Docker**,**Azure Container Registry** and **Github Actions**,which lead to the application being pushed to production.

IT CAREER POINT | Freelancer
Jan 2021 – Feb 2021 | Balasore, Odisha
- Developed the new Official IT Career Point Website.
- 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
- A web based application which uses **Web Sockets** to enable real-time code sharing, chatting and canvas sketching 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 allow you to talk between different instances of an application.
- Created password protected chat and realtime code editing environment.
- The whole end to end solution is deployed on the Heroku Paas using **daphne** web server.

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 **Reduxjs** 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 .
- Created **Docker** containers for responsive deployment and scaling.

SMART RSVP | Django , Chart.js
May 2021
SmartRSVP.app
- Created the whole app using Django and chart.js
- Implemented QR code based invitation system for adding guests.
- Used Hash String for personal data protection.
- 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: 8.86 (3rd Semester)

F.M JR COLLEGE,BALASORE
Intermediate(PCM)
July 2016 - June 2018 | Balasore,Odisha
Percentage:82.5

SKILLS

PROGRAMMING
More Experienced in:
Python • C/C++ • Django • Flask
Django Rest Framework • Javascript
Reactjs • Django-Channels
VCS & BUILD TOOLS
Git • Github Actions • Docker •Azure Container Registry
DATABASE
Postgresql • Firebase
CLOUD SERVICES
Azure • AWS
OTHER
Rest Api •WebSocket

ACHIVEMENTS

2021 Codechef 3 star
2021 GirlScript Summer Of Code
2020 Hackerrank 5 star

COURSEWORK

Algorithms and Data Structures
Computer Architecture
Database Engineerin
Comuter Networks
OOP Programming
Linear Algebra
Discrete Mathematics

ACTIVITIES

Web Dev Lead Microsoft SANINS
Quizzine Club, VSSUT