Soubhagya Sahoo

soubhagyasahoo065@gmail.com | 8328857558 | Bhubaneswar, Odisha | linkedin.com/soubhagya-s

SUMMARY

- Around 4 years of experience as a **Python Fullstack** developer.
- Possess strong background in **Full stack development** and **Prompt Engineering**.
- Specialize in developing full stack web applications using **Angular / Ionic**, and **Flask-RESTful / Django REST** framework and **RDBMS**.
- Experienced in working with multi-level deployment like **Development, UAT and Production.**
- Proficient knowledge in **serverless** deployment using **AWS**.
- Experienced in working with **LLM** models and writing **prompts** for developing **NLP** requirements.
- Proficient in working with various version controlling systems like **Git**, **Github**, **Gitlab** and **Bitbucket**.
- Experienced in **Agile** methodologies and **sprint** management using **JIRA**, enabling timely completion of targets.
- Possess strong problem solving and communication skills, allowing effective collaboration with cross-functional teams.
- Highly adaptable and capable of managing multiple projects simultaneously.

SKILLS

Frontend technologies: Angular, Ionic, Bootstrap, JavaScript

Backend technologies: Flask, Django-rest

Languages: Python, Typescript, JavaScript

RDBMS: MySQL, PostgreSQL

Version Controlling: Git, Bitbucket

Web Servers: Nginx

Operating Systems: Ubuntu, Kali Linux, Mac OS, Windows

Cloud Services: AWS

ML/DL: ML/DL algorithms, Neural networks, Numpy, Pandas, MatplotLib, Scikit, Seaborn, PyTorch, Tensorflow, Natural Language Processing, Search Techniques, LLM Fine Tuning, NLTK, Spacy, LSTM, Transformer, Tensorflow, Pytorch, Prompt Engineering

EXPERIENCE

Senior Software Engineer, Mindfire Digital LLP   Feb 2022 - Present
Mindfire specializes in offering customized technological and digital solutions to enable the clients to solve their mission-critical issues as well as innovate and reach their target markets with differentiated software products.

Roles and responsibilities
- Worked with various teams covering technologies like full stack web development, NLP, using Angular, Django-rest and Python.
- Worked as a full stack developer for a client developing a Circular packaging logistics portal which helped to automate lots of processes and keep track of SKUs.
- Working as a Machine learning developer for building an AI playground and contributed by developing Speech to text, Text to speech and document summarization.

Associate Software Engineer, Centroxy Solutions Pvt Ltd   Aug 2020 - Feb 2022
Centroxy is a software consulting pioneer, providing cyber security solutions to clients.

Roles and responsibilities
- Worked as a full stack developer for developing a portal for waste management handled by an organization of Government of Kuala Lumpur.
- Worked as a full stack developer for developing a portal for managing diagnosis data of electronic devices.
- Worked as a full stack developer for developing a news broadcasting app.

PROJECTS

AI Playground
- Text to speech developed using Coqui-AI.
- Speech to text developed using Insanely Fast Whisper.
- Document summarization using LLMs and Langchain.

Circular Packaging Logistics Portal
- Full stack development using Angular, Django-REST and PostgreSQL.
- Integrated with Heymarket for messaging services.
- Used celery to handle jobs.
- Deployment done using EC2 instance and docker-compose.
- Building a proper request-response system to manage all kinds of requests to the server.
- Authentication system added to backend using wrapper functions with access tokens and refresh tokens.

Waste Management Portal
- Full stack development of a portal for the Government of Kuala Lumpur using Angular, Flask-RESTful and MSSQL.
- Created role based access and permissions for various tasks.
- Developed a rich UI for both internal and external users using CSS3 and Bootstrap4.
- Implemented ORM using SQLAlchemy for querying the database.
- Led the frontend team for UI development and scheduled code reviews for QC of code.
- Responsible for code merge and deployment to productions.
- Implemented CI/CD using Jenkins for automated deployment to EC2 instance after each PR passed the code review.
- Executed deployment of frontend and backend using Nginx and Gunicorn respectively.

Device Health Management Portal
- Full stack development of the portal to store diagnosis data from scratch using Angular, Flask-RESTful and PostgreSQL.
- SSO implemented using Google SSO.
- Implemented pagination of data.
- Added export to CSV functionality for generated reports.
- Added extra security to API endpoints using custom wrapper functions.
- ORM implemented using SQLAlchemy.
- Serverless deployment of frontend and backend implemented using AWS.

News Broadcasting App
- Full stack development using Ionic 3, Flask restful and postgreSQL.
- Implemented material design for rich interactive UI.
- Designed responsive UI for both IOS and Android devices.
- Implemented SSO using Google SSO.
- Added role based access for different categories of users.
- Database calls handled using SQLAlchemy ORM.
- Secured API calls using access tokens and wrapper functions to validate tokens.

EDUCATION

Post Graduation: MCA (Silicon Institute of Technology, Bhubaneswar)
Graduation: BSc. Computer Sc. (Govt Auto College, Angul)

DECLARATION

Undersigned hereby, I undertake and declare that all the information provided above is true and correct to the best of my knowledge.

Date: Soubhagya Chandra Sahoo
Place: Bhubaneswar