JYOTI RANJAN SATAPATHY

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📍 plot no-4771,Chakeishiani, Bhubaneswar,751010, Odisha

CAREER OBJECTIVE

To work in an organization and to be highly productive and build practical tools that are directly impacting lives of people and of course have personal growth along with the organization.

EDUCATION

B.Tech (Instrumentation and Electronics Engineering)
College of Engineering and Technology
2017 – 2021 | Bhubaneswar, Odisha
7.89 CGPA

EXPERIENCE

Product developer(Backend Lead)
Aarna Finance(Stealth Mode continued from Milk Mantra after becoming independent entity)
2022 April – present

Product developer(Backend Lead)
Milk Mantra(Stealth Mode)
2022 February – 2023 March

Junior Software Programmer
JiBe
2021 February – 2022 February | Bhubaneswar
Full-stack Developer(MEAN stack)

Data Science and Machine Learning Intern
Nimble Tech
2020 April – 2020 May | Bhubaneswar, Odisha

ACHIEVEMENTS & AWARDS

• **Joint Winners Analog Devices,2019.**
2019 November – 2020 October

INTERESTS

Photography • Badminton • CRICKET

EXTRACURICULLAR ACTIVITIES

Zairza Technical Society, CET Bhubaneswar
Core Member | Hardware Developer

Technical Event Coordinator ,Perception
CET Bhuabaneswar

LANGUAGES

English • Hindi • Odia

SKILLS & COMPETENCIES

JavaScript & TypeScript • Nodejs • RESTful API

Microservices • Redis • MongoDB • Sql • AWS

TypeOrm • Primsa ORM • RabbitMQ • Angular

Html & Css • Python • DSA • MVC *(architecture)*

DevOps Azure • Git

PROJECTS

Developing the backend Infra
Stealth Mode
2022 February – present
1.Developed the Authentication service using JWT and web3 AUTH.
2.Designed separate db schema to store User's various data in MongoDB.
3.User Data privacy security using AWS KMS and AWS Secret Manager.
4.Implementation of asymmetric encryption and decryption from client and server side for better and secure communication of user crucial credentials.
5.Custom crons to fetch user level data with certain time period intervals.
6.Implemented Caching Service as an independent microservices for faster and improved page load time.
7.Developing REST API's to perform complex CRUD operations on both relational and Non-relational DB as well as implementation of API throttling per client and to avoid any kind of DDOS attack.
8.Automated Extraction and Transform part in an ETL job that required constant data fetching from 3rd party data sources which included data cleanup and removal of any irrelevant information to make it worthy of analytics.To streamline the process AWS S3 was used and for efficient querying of this data , property partition was implemented using glues job and was further loaded to Athena for querying of this data.

Developed the Infrastructure along with managing both UI and Server Side Access Right
JiBe
2021 February – 2022 February
1.Worked on various modules of access Rights for selective authorisation dynamically dependent on the User.
2.Worked on Authentication on both UI and server side.
3.Created various business related REST API's which included performing complex CRUD operations.