Satwik Mohanty
Software Development Engineer

Backend Developer with knowledge in MERN and MEAN followed by experience in Data Engineering and Big Data . Professional Python developer with inclination to Artificial Intelligence and Machine Learning .Looking for a suitable opportunity to add value using web technologies .

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WORK EXPERIENCE

System Engineer
Infosys Limited
09/2021 - Present   *Bhubaneswar*
Working for Apple Client by handling application hosted using AWS and present in clusters of Singlestore Database

Achievements/Tasks
- Development of Python and Bash based application for Automation and authentication
- Deployment of python scripts at server
- Automation of ETL tasks using Python and triggering automated email alert to concerned point of contact.
- Database to Script secure connection for automation of Jobs and setting up of cron
- Tuning/Optimisation of Queries to save memory and elapsed time of queries to improve database performance
- Development of SQL queries UDF and Procedure .
- ORM development
- Achievement :
- Received Infosys Insta Award consecutively for 2 quarters

System Engineer Trainee
Infosys Limited
06/2021 - 09/2021   *Mysore*

Achievements/Tasks
- Unix and its application
- Data processsing using Scala
- Hadoop and Hive based analytics
- Spark based analytics using scala
- No Sql Database(MongoDB)

Machine Learning Intern
Foreignadmits
06/2020 - 10/2020

Achievements/Tasks
- Scrapped university data to prepare a dataset.
- Used it to develop AI powered API using python and Node for a tool named university predictor .
- Designed a NLP powered API using flask to analyze and access the Statement of Purpose and suggest the errors
- Acheivement: Letter of Recommendation
- Received letter of Recommendation from founders of an edtech startup Foreignadmits for my problem solving ability and innovative ways to implement . For being innovation driven and adding value to existing products

EDUCATION

Study Program
C.V Raman Global University
08/2017 - 06/2021   *Bhubaneswar*

Courses
- Electrical Engineering

SKILLS

React JS   Javascript   Python   Node JS   SQL

Context-API   MongoDB   No-SQL   REST

Machine Learning   MVC   NLP   AWS   Big Data

ORM   Redux

PORTFOLIO PROJECTS

Expense Tracker
- It a completely Vanila JS project used for tracking expense
- It covers the concept of Local Storage , Dynamic element creation ,DOM manipulation and state management without react
- In the updated version React is used with useState and useReducer
- Github-Link : Github Live-URL: URL
- Update : Github URL: URL

Box-Mobility
- It is a gamified application based out of react that stacks box over box with a dynamic color changing effect or disco effect .
- Its also equipped with playable mobility .
- Technologies Used : React , CSS, JSX, React state management
- Video Link : Video Github-Link : Github Live-URL: URL

Robo Friends
- A React base application which uses the state management feature of React and also a search feature
- Github -Link : Github Link-URL link:Live URL

Weather Application
- A React based application that shows meteorological data fetched by api .
- It used react hooks and fetch method
- Github-Link: Github Live-Url: Url

OneNote-Todo Application
- React based application that uses React hooks like useState and useEffect
- It also uses local storage to store the data and avoid data loss in case of refresh
- The no. of task are dynamically displayed in the task bar
- It has option to Create Read Delete Edit/Update CRUD feature
- Github-Link: Github Live-Url:Url

Generic User Management Application
- A basic CRUD application build using React as frontend and Node backend with a relational Database .
- It facilitaes Crud operation
- A indigenous authentication system is made for bypassing prevention
- Interactive modal function for easy operation
- Video Link : Video

ACHIEVEMENTS

AICTE Chhatra Viswakarma Award (02/2019)
Received Scroll of Honour from MHRD ministry and AICTE for works in the field of value addition to Rural Handicraft and Agro products by use of web technologies , UAV technologyI,OT and Artificial Intelligence.