# Satwik Mohanty

Software Development Engineer

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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 .

## 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 .

### 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

## EDUCATION

### Study Program
C.V Raman Global University

*08/2017 - 06/2021*                                    *Bhubaneswar*

*Courses*
- Electrical Engineering

## SKILLS

`React Native`  `React JS`  `Javascript`  `Python`
`Node JS`  `SQL`  `MongoDB`  `No-SQL`  `Devops`
`REST`  `Machine Learning`  `NLP`  `AWS`  `Big Data`

## PORTFOLIO PROJECTS

### Expense Tracker
- It a completely Vanila JS project that covered many javascript aspect .Its basically a tracker to track expenses
- It covers the concept of Local Storage , Dynamic element creation ,DOM manipulation and state management without react
- Github-Link : Github Live-URL: URL

### Web helper Tool : Text-generator
- Its a React powered application for generating lorem ipsum text
- Its a web and mobile friendly application
- Technologies Used : React , CSS, JSX, React state management
- 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 .
- Github-Link: Github Live-Url: Url

## ACHIEVEMENTS

### Letter of Recommendation (06/2020 - 10/2020)
*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*

### Infosys Insta Award (02/2022)
*Received Insta award at Infosys for my contribution in the fiend of Data Engineering*

### Infosys Insta Award (05/2022)
*Recieved Insta Award on a trail for my developmental contribution to Singlestore .*

### 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.*