Gyanachand Panigrahi

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PROFILE

Experienced Machine Learning Engineer and Data Scientist & Engineering professional with 2.8+ years of experience specializing in Software Engineering & Product Management and development. Able to formulate compelling stories and draw actionable insights to drive client business needs.

EDUCATION

2016 - 2019
COLLEGE OF ENGINEERING AND TECHNOLOGY
BHUBANESWAR | INDIA
Bachelor of Technology in Instrumentation & Electronics Engineering

2012 - 2015
SANJAY MEMORIAL INSTITUTE OF TECHNOLOGY
BERHAMPUR | INDIA
Diploma in Electrical Engineering

2012 | HSC
GOVERMENT HIGH SCHOOL, MALKANGIRI | INDIA

TECHNICAL SKILLS

• Python • C • R • SQL • LaTeX
• Data Analysis [Cleaning, Preprocessing] [Visualization & Dashboards - Tableau, Plotly, R Shiny]
• Statistical Methods
• ML | Deep Learning Frameworks [TensorFlow, PyTorch, Scikit Learn]
• Cloud | AWS • GCP • Azure
• Ubuntu • Docker • Kubernetes MySQL • RStudio • Jupyter
•Product Management and Development • JIRA • Git

MANAGEMENT SKILLS

• Problem Solving & Decision Making
• Project Management
• New Business Development

CERTIFICATION

• Advance your skills in Machine Learning & Artificial Intelligence
• Advance your skills in Deep Learning & Neural Networks
• Master Cloud Native Infrastructure with Kubernetes

EXPERIENCE

March 2020 - October 2020 | Bengaluru | India
Software Engineer - Machine Learning & AI | worxogo

- Developed an automation of reporting solution for **senior management layer** [Product Team, Customer Success Team, Stakeholders] and **various clients** using **AWS Glue, AWS Redshift, AWS S3, AWS Quicksight.** Helpful for product decisions making & Analyzed real time dashboards through various channels. [Tools & Programming - ETL, Spark 2.4 with Python 3, SQL, Tableau, Postman] [Tech Stack - **Advanced Data Science & Engineering, Data Analytics & Visualization, Real Time Dashboards**]
- Visualization and dashboards of company product data using R and **reveal.js**. R Shiny dashboards including **sales**, **employee performance** dashboards and **time series analysis** dashboards, Visualization of employee **performance prediction** using R across **various clients and various KPIs.**
- Responsible for development and maintenance of reports and dashboards. Developed an end to end **data security** solution using **Encryption & Decryption algorithms** for **various clients** and shared the reports & dashboards according to the requirments.
- To learn what **nudges** are effective involved in building tools and solutions **MIA (AI Engine)**. Mostly **focusing** on applying **Machine Learning**, **Deep Learning**, **Reinforcement Learning**, **Natural Language Processing** and **Behavior Design** in the context of modelling that will build **high performing sales teams.**

October 2018 - May 2021 | Bengaluru | India
Linkon.AI | Founder

- Provide an end to end **freelance solutions for AI with real-time Deployment**. Implemented **state of the art** techniques for better accuracy and simultaneously doing **research, development & deployment** work. Visit my website for more details on my work

Churn Prediction, Customers Life Time Value | January 2019

- Developed a **Deep Learning Model** to predict who is more likely to leave, Trained an **Artificial Neural Network model** to classify the bank customers user based data was able to predict an accuracy of 84.2 %. Increase the **accuracy** to 86 % using **K fold cross validdtion**. Also calculated the customer life time value to Identify **loyal customers.** [Python, Theano, TensorFlow, Keras, Scikit Learn]

Vehicle Monitoring System | April 2019

- Designed and developed a deep **CNN model to detect and track vehicles** entering and leaving **secured private places**, keeping a record of licence plate number, color and model of car. Deployed the model on **Jetson Nano** converting all models to **TensorRT** to decrease **latensy and disk usage.**

Resume Parser | October 2019

- Developed a **resume parser** that could extract various details from a **given resume** such as name, contact details, experience, education etc. Trained customized **NER model** with spacy for extracting **named entities** such as person, organisation, institute, qualification, date, role, skills. Implemented various **NLP techniques** such as **lemmatization, stemming, topic modelling.**

RELEVANT COURSES

PyImageSearch University | By Adrian Rosebrock | Certified
Master Computer Vision, Deep Learning & OpenCV | May 2021

2016-18 Web Development | **Link** | Data Science | **Link** | Machine Learning | **Link**

2018-19 Deep Learning | **Link** | NLP | **Link** | Computer Vision | **Link**

2019-20 MBA **Link**| Product Manager | **Link** | AWS (Machine Learning) | **Link**