**Katna Hemanth Kumar Contact No**. +91 9492018543

**Data scientist E-Mail**. [katna.hemanth@gmail.com](mailto:katna.hemanth@gmail.com)

# CARRER OBJECTIVE

Seeking a position where I can utilize my knowledge, abilities and Personal skills while being resourceful, innovative and flexible that offers professional growth along with the organization. Aspiring for a bright and challenging career in the field.

# SUMMARY

* **5+ years** of experience in IT industry as **Data science**, **Devops Engineer, Cloud Administrator in AWS/Azure**.
* Currently playing role as **Data scientist** in **Tata Consultancy Services**
* Played as **Devops Engineer** and **Cloud admin** in **Capiot Software Pvt LTD.**
* My skills include **LINUX, and Windows** in **OS level. AWS,Azure** in **Cloud Platform.**

# Played role as Cloud administrator, Cyber Security in Reliance JIO Infocom Mumbai.

giving **24/7 Support**

* By Supporting **Infrastructure Management**, using **BMC Remedy** and **HPSM tool.** Proficient in **Incident/Change Request** handling and Severity Tickets.
* Worked in **PIM (Privileged Access security)** CyberArk Tool .

# ORGANISATIONAL EXPERIENCE

* Currently working as Data scientist with payroll of **Foray Software Pvt. Ltd,** And Client based to **Tata consultancy Services** from Feb 2019 to Till date
* Worked as Devops -Engineer with payroll of **Capiot Software Pvt. Ltd,** And Client based to

**Yes Bank** from June 2018 to Jan 2019

* Worked as Cloud and Cyber ark Security Administration with payroll of **Softenger India Pvt Ltd** Client based to **Reliance JIO Infocomm** in Mumbai**.**

# SKILLS AND KNOWLEDGE

* **Machine learning tools :** Scikit-Learn, Tensor flow, Keras
* **Cloud Services :** AWS (Amazon web services),Azure
* **Languages and Scripting :** Python , Shell Scripting and bas, R
* **Container System :** Docker, Kubernetes, AKServices

# Continuous Integration(CI/CD) : Jenkins, Airflow, MLflow

* **Operating system :** LINUX (Redhat, Ubuntu, Centos)Windows
* **Version control system :** Git Hub and Git,Bitbucket, Gerrit
* **Visualisation :** Tableau
* **Logging and Search Engine :** Elastic Search
* **Other tools :** Hadoop , Mysql

# CURRENT PROJECT SUMMARY (TATA CONSULTANCY SERVICES)

**ERICSSON (Telecom)**

Predict behavior to retain the customer, where the customers are churning from their ericsson network service provider. Developed a model using machine learning algorithms to identify customer’s usage and analyze customer churn. Model provides the information about the old customers and helps to acquiring a new customers for multimillion dollars company.

* Working with **Ericsson Cloud** environment.
* Automate deployment as **CI/CD integration** by Using **Bitbucket** and **Jenkins.**
* Containerizing applications using **Docker**. And deploying the Codes in **Kubernetes.**
* Writing the code in **Python** language.

# Database Management in Mysql

# Creating the pipelines using MLflow

* Monitor and trouble shoot the issues

# TATA MOTORS

Predicting the amount, where the customer can spend/willing to buy for new vehicle. Developed a model using machine learning and deep learning algorithms to identify and analyze the customers willingness to spend the money.

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* **I**mplemented deep learning technology **Artificial neural network (ANN)** with **keras**
* Worked with **AWS** cloud environment.
* Automate deployment as **CI/CD integration** by Using **gerrit** and **Jenkins.**
* Containerizing applications using **Docker**.
* Writing the codes in **Python** language.

# Creating the pipelines using Airflow and kubeflow.

* Integrated the ETL jobs in **azure data factory.**

# PROJECT SUMMARY (YES BANK)

* Worked with the Platform called **ODP** (Omni data platform) for developing by using **Java** and deploying on production servers.
* Containerizing applications using **Docker**. Deploying in **Azure kubernetes.**
* Deploying and monitoring the log files using **ELK(Elastic Search)**
* Perform deployments on different environments like **Dev, UAT, Production environment.**
* Manage **continuous deployment** of internal and external cloud systems.
* Virtualising the deployments by using **vagrant** scripts.Managing the database **Mongodb**.

# PROJECT SUMMARY ( RELIANCE JIO INFO COMM LTD)

* Managing **AWS services (EC2,VPC, S3,Route53, SQS, IAM)**
* Built Up and implemented Identity Access Management Process for all platforms like OS (**UNIX, WINDOWS**), Application (**SAP & Web logic**).
* Ability to write **Shell Scripts** to perform the daily and routine work.. .
* Used Security related of **PIM CyberArk** tool for centralized Access of servers within the env.
* Following **ITIL** Process. As per the Company environment

# EXPERIENCE IN DATA SCIENCE:

* Hands on experience in machine learning and deep learning. Having in depth knowledge on statically and analysis about how do we conduct the hypothesis testing, classification, regression.
* Hands on experience in image processing using deep neural networks CNN for object detection and face recognition.
* Strong experience in applying the machine learning like Linear regression, Logistic regression, Naïve Bayes, KNN, Decision trees, Random forest and SVM, visualization libs Matplolib, seaborn etc.
* Good knowledge in segregating the data points by creating clusters using kmeans algorithm. Having in depth knowledge in feature selection and dimensionality reduction using unsupervised technique
* Having good knowledge in text mining using Natural language processing (NLP) and deep learning.

# CERTIFICATIONS

* Certified for Artificial intelligence and its application in BRAIN O VISION.
* Certified for Devops for Data Scientists in Linkedin.
* Certified for Deep learning A-Z course in Udemy.

# EDUCATIONAL QUALIFICATIONS

**2019 – 2021** Master of Technology in **Jawaharlal Nehru Technological University 2011 – 2015** Batcholer of Technology in **KLUniversity**

**2009 – 2011** Higher Secondary School in **Sri Chaitanya Jr College** Andhra Pradesh.

**1999 – 2009** Primary School Education in **Siddhardha Public School** Andhra Pradesh.

# PERSONAL PROFILE

**Father’s Name** Katna.Suresh

**Date of Birth** 20Th August 1994

**Nationality** Indian

**Contact No**. 09492018543/ **Alternate no**: 8928114626

**Email** [katna.hemanth@gmail.com](mailto:katna.hemanth@gmail.com)

# Languages Known

**To Read** English, Hindi, Telugu, Tamil, Marathi

**To Write** English, Hindi, Telugu, Tamil, Marathi

**Declaration:**

I hereby declare that the above furnished information is correct up to best of my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

**Katna Hemanth Kumar**