**NEHA KUMARI**

Bihar, India (821112)

Contact No.: +91-8318548723

Email: [nehapt0410@gmail.com](mailto:nehapt0410@gmail.com)

# **PROFESSIONAL SUMMARY**

* Data Scientist with 3 years of experience in developing Machine Learning and Deep Learning models like ANN, CNN, Logistic Regression, Naïve Bayes, SVM, Decision Trees, Random Forest, XGBoost, Dimensionality Reduction algorithms on frameworks like Sklearn, Tensorflow on Python.
* Extensive experience in doing Data Analysis, Data Cleaning, Exploratory Data Analysis, Feature Engineering, Feature Transformation, Feature Selection as well as developing and deploying solutions via Rest Web services using Python.
* Advance engineering skills in designing, developing, productionizing and maintaining AI solutions using best practices like DataOps, MLOps, and tools like docker.
* Hands on exposure with SQL and Python for efficient data retrieval and transformation and python for building scalable application and deploying solutions in production.
* Knowledge of Cloud computing/technologies AWS.
* Pursuing courses in SAS Viya for Machine Learning, Deep Learning using Tensorflow from Udemy and Coursera.

# **KEY SKILLS**

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| --- | --- |
| **Domains** | Finance(Banking, Wealth management), Retail, Insurance |
| **Analytics Tool** | Sklearn, Ntlk, Pandas, NumPy, Azure, Git, MS-Excel, SAS EG 9.4, Unica 10.0 |
| **Programming** | Python, SQL |
| **Data science** | Machine Learning, Statistical Modelling, Data Mining |
| **Databases** | MySQL, IBM DB2 |
| **Visualization Tools** | Matplotlib, Seaborn, Tableau, Power-BI |
| **Devops Tools** | Docker, Jenkins, Sonar |
| **Statistics** | Descriptive Statistics, Inferential Statistics, Predictive Statistics |

# **PROFESSIONAL EXPERIENCE**

## “Data Scientist” at Occanger Infotech, Jan 2019 - Present

* Development of end-to-end machine learning prototypes with aim to use the models in real time.
* Support and extend existing predictive models for marketing forecast, employee retention, churn prediction etc.
* Apply agile approaches for proof-of-concept requirements. Using iterative methods to help drive and refine information requirements, mockups, and prototyping.
* Identification of areas and domains to apply data science skills using Python, SQL, Big Data, Predictive modelling, Machine Learning, Deep Learning and NLP.
* Independent work and client interaction is part of my day to day work.
* Generated data files after quality assurance testing and delivered to external vendors.
* Maintain knowledge repository- documented end- to-end flow, and provided periodic updates.
* Daily and ad-hoc campaign analytics, automation and development work.
* Configuring SAS programs in order to perform data mapping and quality checks for client deliverables.
* Automating the process thus requiring it less effort/less time, as a recurring Effort using SAS and Python.
* Perform standard quality checks and look for opportunities to improve the QC process.
* Effectively documented and communicated results.

# **PROJECTS UNDERTAKEN**

**Project:** Improving retention rate of CDs for US based bank.

**Description:** Created a rule to Identify potential depositors who are more likely to keep money with bank based on historical and factual information available and drive efficient and targeted communication.

# **EDUCATIONAL QUALIFICATION**

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| --- | --- | --- | --- |
| **Degree** | **Institution/ Board** | **Year of Passing** | **CGPA / Percentage** |
| SSC | Bihar Board | 2011 | 73 % |
| HSC | Bihar Board | 2013 | 60 % |
| B.Tech (ECE) | SMS Institute of Technology , Lucknow, Uttar Pradesh | 2017 | 76 % |

# **ACHIEVEMENTS**

* **Oracle 11g: SQL fundamentals certificate** from **NIIT** Lucknow 2016.
* Received **“Best Performer”** award at **Occanger Infotech** for **Q4 FY 2019-20**.
* Received **“Achiever”** award at **Science quiz SMS IT** for **Q1 FY 2015-16**.