**Naresh Bathala**

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|  | +91 9972790381 |    | naresh.gce@gmail.com |  | Bengaluru, IN |

8 years of total IT experience; result oriented data analytics professional possessing proven track record of successfully applying econometric modelling, big data analytics, algorithm development & machine learning techniques to solve key business problems.

4+ years of comprehensive experience in implementing big data solutions, programming and analytics using Hadoop distributions (**Westpac Bank, Australia).**

Has excellent interpersonal and communication skills, creative, research-minded, technically competent and result-oriented with problem solving and leadership skills.

Looking forward to applying the acquired gamut of skills to a challenging role in the data analytics space.

# TECHNICAL SKILLS

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| **Programming** |  Python, Bash scripting |
| **Databases** |  Hadoop HDFS, Hive, Impala, SQL Server 2012, knowledge in Teradata |
| **Libraries**  |  Scikit-Learn, Numpy, Pandas, NLTK, Seaborn, Matplotlib |
| **Frameworks** |  Hadoop, Spark |
| **Platforms and Misc.** |  Anaconda, Jupyter Notebook, Google Colab, VS Code**,** JIRA, Confluence,  Oozie, Sqoop, Control-M, Bitbucket. |
| **Statistical Modelling techniques** |  Classification (DT, RF, KNN, Naïve) Linear/Logistic Regression, SVM, Clustering |
| **Cloud Platforms**  |  AZURE, AWS |
| **Other Skills** |  Agile Software Development and Team Leader. |

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# KEY SKILLS

• Big Data Analytics • Data Science • Data Mining • Data Visualisation • Machine Learning Algorithms • Data Wrangling • Cross validation Techniques • Exploratory Data Analysis • Feature Engineering & Selection • Client Relationship Management • Strategic Planning

# PROFESSIONAL EXPERIENCE

**Westpac Banking Corporation**

Data Engineer, Team Lead  Chennai, IN & Sydney, AU | Jul '17 - Present

Westpac Banking Corporation is one of the Big 4 Banks in Australia.

Client Engagement

* Involved in client project engagement, workshops for requirement gathering, solution lead for data acquisition and data reporting.

Data Wrangling & Visualization

* Cleaned, merged and manipulated datasets and conducted feature engineering using Pandas
* Created various charts in Jupyter Notebook using Matplotlib, Seaborn to perform a preliminary analysis on the collected data.

Data Analysis and Transformations

* Developed custom scripts for data transformations using PySpark and hive.
* Developing bash shell/python scripts for data validations and data ingestions into HDFS layer and created schemas to access the data using hive and spark

 Python Machine Learning - Regression & Classification

* Applied various machine learning techniques using Python to build dynamic pricing models and maximise profits.
* Performed POC’s on various bank data and applied Classification and Regression models.

Natural Language Processing

* Conceptualised and implemented a sentiment analysis tool to rate hotels based on subjective customer reviews

Cloud Migration

* Lead the Azure migration activities for regulatory initiatives from On-Prem to Azure cloud with required standards as per Westpac Policies.

**Metcash Trading Limited**

Hadoop Developer and Administrator Chennai, IN & Sydney, AU | Jan '16 - Jun '17

Metcash is an Australian conglomerate company distributing marketing groceries, fresh produce, alcoholic beverages etc.,

* Diligently teaming with the infrastructure/network team for the Hadoop updates, patches and version upgrades where and when required.
* Worked with Informatica BDE version, and performed admin activities (setting up configurations and troubleshooting while having issues connecting to hive) | Data Analysis using python and reconciliation using Bash Script | Point of contact for vendor escalation.

**Walgreens**

Hadoop Engineer Chennai, IN | Jul '15 - Jan '16

Walgreens is an American company that operates as the second largest pharmacy store in the United States.

* Driving POC, POT evaluation of big data and implemented Cloudera based big data Sol’s | Data migrations using Sqoop.
* Analysed the data by performing Hive queries and running Pig scripts to know user behaviour.

SAP Business Objects Admin/Developer Chennai, IN | Jul '13 - Jun '15

* Universe/reports development | Migration of reports and universe | BO Upgrades | User Management | Issues troubleshooting in BO.

**Ameriprise Financial Inc.**

Java Developer  Bengaluru, IN | Dec '12 - Jun '13

Ameriprise Financial, Inc. is a diversified financial services company headquartered in Minnesota.

* Responsible for the design and development of User interface.

# EDUCATION

Anna University (Govt. College of Engineering, Salem)

B.E - Computer Science and Engineering Tamil Nadu, IN | Jun '08 - Apr '12

# CERTIFICATIONS

* Design and Implementation of Azure AI Solution (AI -100) | MS0990031045| Aug '20
* Microsoft Azure Fundamentals (AZ -900) | MS0990031045| Jun '20
* Natural Language Processing with Python certification Course | Edureka | May '20