

# Komal Wavhal

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## EDUCATION:

**Savitribai Phule Pune University, India**

Aug 2012 – May 2016

*Bachelor of Information Technology*

- Coursework: Machine Learning, Internet of Things, Big Data, Database Management Systems, Data Science, Software Engineering, Operating Systems, Data Structures, Cloud Computing, Computer Graphics, Theory of Computation.

## WORK EXPERIENCE:

**JPMorgan Chase & Co., Mumbai, India**

*Software Developer - Process Project Specialist of Corporate Sector*

Apr 2021 – Present

**Larsen & Toubro InfoTech Ltd., Mumbai, India**

*Application Software Developer – McKesson Corporation*

Dec 2019 – Apr 2021

- Developed SOX (Sarbanes-Oxley Act) Compliance Tool for McKesson client using Python

*Python Developer – Johnson & Johnson*

Mar 2018 – Dec 2019

- Developed Service Now Incident Analysis Tool using Java to analyze critical incidents and their frequency in last six-month.
- Developed SOX (Sarbanes-Oxley Act) Compliance Tool for Johnson & Johnson client using Python
- Developed Performance Analysis Tool for SAP using python, which provides health report of SAP system.
- Developed POC for SAP Kernel Upgrade using CHEF (Configuration Management Tool) & Ruby.

*Software Developer*

Nov 2017- Apr 2021

- Developed POC for SAP Kernel Upgrade using CHEF (Configuration Management Tool) & Ruby.
- Developed Data Prediction Tool in python, which predicts next day CPU utilization in every 30 min using time series model ARIMA and Python configure in Solution Manager Component of SAP System.
- Performed R&D on automation solutions using python on SAP application interface.
- Developed Disk Space Usage Daily Monitoring Tool Using Python uploading data on Tableau Server.

## TECHNICAL SKILLS:

- **Programming:** Python, R, Java, JavaScript, C++, Ruby, VBScript, HTML, CSS, XML, Shell Scripting, Kotlin
- **Big Data Ecosystem:** Hadoop, HDFS, MapReduce, YARN, HBase, Pig, Hive, Zookeeper, Apache Spark
- **Data Science & Analytics:** Machine Learning, Data Science, Big Data Computing, Data Mining, NLP, Internet of Things, Deep Learning, Descriptive Statistics, Neural Networks, Data Analytics, Artificial Intelligence
- **Frameworks & Tools:** Tableau, Python, Analytics in MS Excel, Advanced Microsoft Excel, Apache Spark, R, Android, Git, UiPath, CHEF, Spyder, Jupyter, Selenium Web Driver, R Studio, PyCharm, NetBeans.
- **AI and Data Science Libraries:** Numpy, Pandas, Scikit-learn, Tensorflow, Matplotlib, Plotly, Keras, Dash.
- **Operating Systems:** Windows, Unix, and Linux
- **Databases:** Oracle, MySQL, SQLite, MongoDB

## PROJECTS:

**Automatic Visual Summarization | Machine Learning**

Dec 2017

- Developed Machine Learning Model based on the inputs from user comments, longitudes & latitudes of the location of a restaurant to find the most suitable restaurant in the nearby location.

**GRE English Vocabulary Application | Kotlin**

May 2020

- Made IOS & Android version of “GRE English Vocabulary App” from scratch using Kotlin, which performs faster than Java and is better in terms of security, syntax, and compatibility. Developed for users to Learn GRE word lists effortlessly with GRE English Vocabulary Preparation app.

## ACHIEVEMENTS & CERTIFICATIONS:

- 2017 JAVA
- 2018 Programming Data structure and Algorithm Using Python
- 2018 CHEF Configuration Management Tool & Ruby by CHEF Corp
- 2018 Machine Learning
- 2019 Business Analytics and Data Mining Modeling using R
- 2019 Business Analytics and Text Modeling using Python
- 2019 Data Science for Engineers

2019	Descriptive Statistics with R Software
2019	Introduction to Soft Computing
2019	Integrating Tableau and R For Data Science
2019	Text Mining using Python
2019	Introduction to Internet of Things
2019	Big Data Computing
2019	Statistics for Data science
2019	Building A Recommendation System With Python Machine Learning Ai
2019	SAP Intelligent Robotic Process Automation
2019	Enterprise Deep Learning with Tensorflow
2019	UiPath RPA Developer
2020	Kotlin for Java Developers
2020	Interactive Python Dashboards with Plotly and Dash
2020	Spark and Python for Big Data with PySpark
2020	AZ-900 Microsoft Azure Fundamentals
2020	DA-100 Analyzing Data with Microsoft Power BI
2020	DP-900 Microsoft Azure Data Fundamentals
2020	The Complete Tableau Bootcamp for Data Visualization
2021	Alteryx Designer Core Certified