



# Vivek Dumbre

Data-Science Professional

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Vex-SaffronCodes

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## SUMMARY

Skilled IT-Professional with 2 years of senior leadership experience and knowledge of business operations/ IT service delivery. Aspiring to make a career transition to the Data Science domain using the skills acquired over time through undertaken personal projects aiming to leverage my knowledge and skills with a good opportunity to polish my talents and come out to be a Successful Data Scientist with practised and proven capabilities of Data modelling, Data wrangling, Advanced Statistics, Data Visualization and Accurate Inference drawing to bring success to the institute for which I choose to work.

## KEY SKILLS

- Machine Learning Methodologies • Optimization Techniques • Text Mining • Data Mining & Analytics
- Predictive & Statistical Modelling • Sentiment Analysis • Account Mining • Data Analysis • Data Visualization • Project Delivery • Predictive Modelling & Analytics • Programming • Process Improvement
- Team Coordination & Leadership • Debugging

## TECHNICAL SKILLS

**Tools/ Languages:** Python, SQL, Tableau, Google Analytics, HTML, CSS, Php, C++  
**Cloud:** AWS, Google  
**Machine/Deep Learning:** ANN,

## PROFESSIONAL EXPERIENCE

### Senior System Engineer

Jul '20- Aug '22

#### Cognizant Technology solutions

Bengaluru, IN

- Prepared annual/ monthly data to determine reports for operational performance.
- Monitored Server/ Network Infrastructure and performed troubleshooting when required.
- Introduced new methods, practices and systems to reduce turnaround time.
- Established and implemented Team policies, goals and objectives by leading the shifts for a global client in managing IT- Network services.

### INTERN - Web Development

Dec '17- Feb '18

#### M. L. Labade Engineer and Contractors

Mumbai, IN

- Developed a fully Dynamic company website performing CRUD operations for maintaining company portfolio of current and upcoming as well as completed Government projects
- Designed the website using HTML, CSS, Php, SQL languages and Apache server for administration.

## PROJECTS UNDERTAKEN

### Presence Tracking System (Smart India Hackathon)

[2018]

- **Objective:** To Design a system to track all time presence of a licensed person at a liquor shop to ensure legal sales only.
- **Solution:** Successfully designed a System to track the presence of a government appointed licensed seller of liquor in shops using a biometric verification stub that verifies the seller identity in the shop opening hours and ensures continuous presence in shop using live location tracking and face recognition through a CCTV.
- **TechStack:** Android, Firebase, Php, Oracle, SQL, HTML, CSS, JavaScript, OpenCV, Apache Server
- **Key Achievement:** Awarded with Runner Up prize for Delhi region in SIH

### Sign Language Interpreter

[2019]

- **Objective:** To Design a system to bridge the gap in communication with specially abled person using Sign Language as an interpreter
- **Solution:** Developed a standalone ML system to interpret the Sign-Language by capturing the hand signs of specially abled person and depicting the meaning of the hand signs in normal language for common folk with 70 per cent accuracy.
- **TechStack:** Python, OpenCV, Eclipse

### Bank Marketing EDA Case-Study

[2020]

- **Objective:** Implement an EDA analysis to promote the Term Deposit products and find the perfect audience among the customers through the Data acquired by a local bank
- **Solution:** Performed EDA analysis and found various univariate, bivariate dependencies within the variables in the data and depicted them through clean and concise plots visualization for better understanding and deduced inferences successfully.
- **TechStack:** Python, Pandas, Numpy, Matplotlib, Seaborn, Jupyter

### IMDB - Movie ratings Case-Study

[2021]

- **Objective:** To work with the open source data from public domain IMDB website and draw inferences on the movies data from last 10 years.
- **Solution:** Extracted Multiple useful insights using EDA on the data with Python libraries such as Pandas and Seaborn/ Matplotlib for visualization.
- **TechStack:** Python, Pandas, Numpy, Matplotlib, Seaborn, Jupyter

CNN, LSTM

**Database:** MySQL, MongoDB, Oracle 9i/10g/11g.

**Statistics/ML:** Linear/Logistic Regression, Ensemble Trees, Gradient Boosted trees

## CERTIFICATIONS

- GCP- for Techs
- Google Machine Learning Basics
- Git certification
- Designing server 2012(70-413)
- Linux Red hat System Administration I – SA1 (RHEL8)
- IOT workshop certification.
- Python programming NPTEL certification 2016.

## ADDITIONAL ACHIEVEMENTS & VOLUNTEER EXPERIENCE

- Art Dept. Head - K.C college magazine Committee - 2018: Managed efficient workflows by creating effective schedules and delegating work based on personnel strengths, and successfully lead the team to launch annual 2017 issue.
- Languages Known: English, Marathi, Hindi.

## EDUCATION

<b>Bachelor of Engg. in Computer Science</b>	Jun '16- Jun '19
<b>University of Mumbai</b>	Mumbai, IN
• Secured 7.12 GPA	
<b>Diploma in Computer Technology</b>	Jun '14- Jun '16
<b>University of Mumbai</b>	Mumbai, IN
• Scored 73.00 percent	
<b>Higher Secondary Certificate</b>	Jun '13- Jun '14
<b>MVM Jr. College</b>	Mumbai, IN
• Scored 54.00 percent	
<b>Secondary School Certificate</b>	Jun '11- Jun '12
<b>St. Pius X High School, Mulund</b>	Mumbai, IN
• Scored 76.00 percent	

## Courses

<b>PG - Diploma in Data Science ( Deep Learning )</b>	Oct '20- Oct '21
<b>UpGrad - IIIT- Bangalore</b>	Bangalore, IN
<b>credentials:</b> <a href="https://www.credential.net/afd26502-9264-4b9c-b7d5-013e46ce62d4">https://www.credential.net/afd26502-9264-4b9c-b7d5-013e46ce62d4</a>	
<b>Business Analytics</b>	Oct '20- Jul '21
<b>UpGrad</b>	Bangalore, IN
<b>credentials:</b> <a href="https://www.credential.net/852a96ce-e49a-4c47-a290-33b5e047c18d">https://www.credential.net/852a96ce-e49a-4c47-a290-33b5e047c18d</a>	
<b>Emails: Tactics Smarter Communication</b>	Jun '21- Jul '21
<b>Udemy</b>	Bangalore, IN
<b>credentials:</b> <a href="https://www.credential.net/86b1ec8d-1a3f-4723-b70e-119ff8fc6244?username=vivekdumbre#gs.m9bj6k">https://www.credential.net/86b1ec8d-1a3f-4723-b70e-119ff8fc6244?username=vivekdumbre#gs.m9bj6k</a>	
<b>AWS Certified Machine Learning Specialty 2022 - Hands On!</b>	May '22- Jun '22
<b>Udemy</b>	Bangalore, IN
<b>credentials:</b> <a href="https://www.udemy.com/certificate/UC-ec0a38d9-39e7-4068-81cd-c9ad48e25005/">https://www.udemy.com/certificate/UC-ec0a38d9-39e7-4068-81cd-c9ad48e25005/</a>	