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EXECUTIVE SUMMARY

⇨ Data Scientist and Database developer with 2.5+ years of proven experience in architecting applications with Algorithms, Machine Learning, Python with libraries such as Sklearn, Numpy, Pandas, Matplotlib for Data Visualization. I Recognized by managers, colleagues, and peers as a personable, dedicated performer who demonstrates innovation, communication, and teamwork to ensure quality and timely project completion.

⇨ Strong knowledge of Python and MS SQL Development using MS SQL 2014 & 2016.

⇨ Monitoring Database performance and optimizing performance using tools like Profiler, SQL logs and Event logs. Troubleshooting and Query analysis, debugging procedure.

⇨ Web Application Development using Django and Flask Framework.

Technical Skill

Database	SQL server 2016, Mongo DB (Beginner), SQLlite
Query Language:	T-SQL
Web Technologies	Flask Framework, HTML, CSS, Javascript, Django Framework.
Platforms and Misc	Pycharm, Visual Studio 2017, Anaconda, Jupyter Notebook, Spyder IDE, VS 2016, Anaconda, Windows 7, Windows 10, SQL Server Management Studio, TWS
Programming	Python, Machine Learning, C#, Sklearn Libraries, Matplotlib, Seaborn
Cloud	Microsoft Azure Machine Learning Studio.

CAREER CONTOUR

Capgemini: - From 19th Sep 2018 to present date: **Software Engineer**

Project title: Fitbit (From 16th Oct 2020 to present date)

PROJECT DESCRIPTION: Fitbit is an American consumer electronics and fitness company headquartered in San Francisco, California. Its products are activity trackers, smartwatches, wireless-enabled wearable technology devices that measure data such as the number of steps walked, heart rate, quality of sleep, steps climbed, and other personal metrics involved in fitness. Project requirement to build a regression model to predict the calories burnt based on the given indicators in the training data

Technology: Python, Sklearn, MongoDB, Microsoft Azure.
Model used: K-Mean++, Random Forest, XGBoost

Contribution:
✓ Involved in requirement gathering and architecture design.
✓ Building data cleansing pipeline to train a model.
✓ Developing machine learning models for various predictive methods such as classification, clustering and regression.
✓ Involved in parameter tuning process for optimal model hyper parameters.
✓ Prediction evaluation on test data

Project title: Scania AB (From 10th Feb 2020 – 15th Sep 2020)

PROJECT DESCRIPTION: Scania AB is a major Swedish manufacturer headquartered in Södertälje, focusing on commercial vehicles—specifically heavy Lorries, trucks and buses. It also manufactures diesel engines for heavy vehicles as well as marine and general industrial applications. Project involve defect detection in Air Pressure system (APS) of truck.

Technology:
Python, Sklearn, MongoDB, Microsoft Azure.

Contribution:
- ✓ Involved in requirement gathering and architecture design.
- ✓ Building data cleansing pipeline to train a model.
- ✓ Developing machine learning models for various predictive methods such as classification, clustering and regression.
- ✓ Involved in parameter tuning process for optimal model hyper parameters.
- ✓ Prediction evaluation on test data.

Project title: LFAB (From 11th Jan 2019 to 30 Jan 2020 date)

PROJECT DESCRIPTION: Länsförsäkringar, or literally County Insurance, is a Swedish group of customer owned insurance companies. The group consists of 23 independent companies, one in each of the counties of Sweden (pre 1998 division), that cooperate under a common brand name. Länsförsäkringar Bank is a bank which was started in the 1990s and is operated by the group.

Role: SQL and SSIS Developer & SQL Support

Functional Responsibilities

- ✓ Database development using MS SQL server 2016 to maintain the application based on user requirement.
- ✓ Troubleshoot live bugs and resolved it on production.
- ✓ To fulfil the requirement altering existing objects.
- ✓ Performance tuning using system views & Execution Plan.
- ✓ Highly involved in development activities to as per requirement from client
- ✓ Taking ownership of technical issues, and Handling issues
- ✓ Proper documentation on development and Issues handled providing Root cause of the problem.
- ✓ Troubleshooting and Query analysis, debugging procedure.
- ✓ Preparing Weekly status report.
- ✓ Automated Log activities to receive alert if database performance start degrading.
- ✓ Transformed existing .net code of micro service application into SSIS packet to improve the performance.
- ✓ Monitoring Database performance and optimizing performance using tools like Profiler, SQL logs and Event logs.

SCHOLASTICS
- ⇨ B. Sc. IT from Mumbai University – Graduated with aggregate of 84.77% score (2015-2018).
- ⇨ HSC from Mumbai University with 62.67% score (2013-2015).
- ⇨ SSC from Maharashtra board with 90.36% score (2013).

CERTIFICATES

⇨ AI-100: Azure AI Engineer Associate.
⇨ AZ-900: Microsoft Azure Fundamentals
⇨ AI-900: Microsoft Azure AI Fundamentals
⇨ ITILv4 foundation Certification.
⇨ Introduction to Artificial Intelligence (AI) by IBM (from Coursera)
⇨ IBM Data Science (from Coursera)

1. What is Data Science?
2. Tools for Data Science.
3. Data Science Methodology
4. Python for Data Science and AI
5. Databases and SQL for Data Science
6. Data Analysis with Python
7. Data Visualization with Python
8. Machine Learning with Python
9. Applied Data Science Capstone

⇨ DevOps Culture and Mindset by University of California, Davis (from Coursera)

⇨ Deep learning by Capgemini (ANN and CNN).

⇨ Machine learning fundamentals by Capgemini.

⇨ Git and Git Hub certification by Google(from Coursera)

Personal Projects:

⇨ https://avnish327030.pythonanywhere.com/

Created project using web scraping on YOUTUBE website. This project is similar to youtube downloader.

⇨ https://github.com/Avnish327030/Neighbourhood-battle: Applied Data Science Capstone

⇨ http://avnyadav.pythonanywhere.com/ : Created demo project where backend was handled in excelsheet by using Pandas dataframe.

⇨ : Github repository.

⇨ https://still-savannah-81592.herokuapp.com/ : Flipkart feedback scrapper.

⇨ https://ancient-wave-39484.herokuapp.com/: Policy Bazar feedback scrapper.

⇨ https://aqueous-headland-74061.herokuapp.com/: Computer Accessories online shopping using Django framework.