GOVIND PATWAL

PYTHON PROGRAMMER | DATA ANALYST | ML ENGINEER

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PROFESSIONAL SUMMARY

Python Programmer and Data Analyst with a certificate in Data Analytics and Visualization (Grade: A+) from the University of Toronto and a Bachelor Degree in Computer Applications/Science. Brings loads of transferable skills from years of experience in Sales and Project Management. Considers team-work to be the biggest strengths. Finds great satisfaction in extracting insights from data, improving code by refactoring and finding new solutions to challenges.

TECHNICAL SKILLS

Primary Language: Python 3
Database: PostgreSQL
Python Libraries: pandas, matplotlib, plotly, pyspark, json, pytest, tensorflow, sklearn, psycopg2, sqlalchemy
Python Framework: Flask
Primary Source-Code Editor: VS Code
Primary Source Code Hosting Service: GitHub
Other Languages/Tools Used: MongoDB, Tableau, AWS RDS, S3, HTML, R, JavaScript, C++

TRANSFERABLE SKILLS: From Experience as a Sales and Project Manager

Project Management (Agile & Waterfall)	Result-Oriented	Teamwork
Creative	Time Management	Attention to Detail
Problem-Solving	Team Management	Communication

CERTIFICATIONS

Certificate in Data Analytics and Visualization | A+ | UofT   2020
Topics covered: Excel, VBA, Python, Pandas, R, JavaScript, PostgreSQL, AWS, Tableau, Machine Learning, Deep Learning

Python 3 Programming Specialization | University of Michigan on Coursera   2021
Topics covered: Functions, Files, Dictionaries, Data Collection and Processing, Classes and Inheritance

Python Certification | Kaggle   2021

Pandas Certification | Kaggle   2021

Executive Certificate in Marketing Analytics and Customer Valuation | IIM-K   2017

Statistics Foundations: 1, 2 and 3 | Lynda.com   2017

Business Analytics with Excel | Simplilearn   2017

Data Science with R | Simplilearn   2017

PMP | PMI | Expired 2016   2013

EDUCATION

Bachelor's Degree | Indira Gandhi National Open University, India   2006
Computer Applications/Science

Master's Degree | Sikkim Manipal University, India   2010
Business Administration (Major - Information Systems)

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WORK EXPERIENCE | Field - Python Programming and Data Science

Data-Science Intern
RTS Automation | Toronto   May, 2021 - Present

RTS Automation provides Manufacturing Business Intelligence along with "Leading technologies " to achieve Manufacturing Operational Excellence.

- Translated RTS management and partner requirements and suggestions into IT solutions in Python
- Extracted raw and unorganized data and transformed into usable data using Pandas in Jupyter Notebook
- Created a proof-of-concept (POC) in Python using Flask as the Framework, Random Forest as the ML model, PostgreSQL as the DB, and AWS RDS as the cloud data storage.
- Refactored code multiple times - created as many as 15 versions of an app, each time improving code's quality and documentation (functionality, speed, and readability)
- Provided intuitive visualization using interactive bar, pie and time series graphs using plotly.express and plotly.graph_objects
- Delivered improvements in sprints of 1 or 2 weeks, many times by quickly learning new skills

WORK EXPERIENCE | Field - Sales Management

Account Manager
Dell Technologies | Toronto   2018 - Present

- Recognized and promoted two times in 3 years because of team-initiatives and consistently exceeding quota targets
- Volunteered to be amongst the first people to master a mission-critical new tool. Became the go-to for the tool resulting in increased adoption and success
- Volunteered to improve a major KPI of the team. Analysed past data, formulated a plan, convinced team-members of the why, ensured execution by weekly encouragement and accomplished a 20% increase in the KPI. Took the team on the top of the team standings for that KPI resulting in shout-out from the management
- Volunteered to be a First Aider (based on my CPR certification) and the Fire Warden Team Lead

Territory Account Manager
Adobe| New Delhi   2016 - 2018

- Awarded with Sales Achievement Award for consistently meeting sales quotas
- Recognized by Business Unit (BU) Manager, for commitment to customers, and awarded with **Top Customer Advocate** Award
- Volunteered to improve the voicemail call-back of the BU (Business Unit). Analysed past data, prepared scripts and explained them to the team. Resulted in 10% increase in voicemail call-backs

Sales Manager
DeFacto Infotech| Chandigarh   2014 - 2016

- Acquired the most profitable and biggest customer for the company
- Increased new business by about 30%, response rate by about 20%, and conversion rate by about 10% by improving intra and inter team collaboration
- Volunteered to be a Scrum-master and helped save the biggest customer

WORK EXPERIENCE | Field - Project Management

Project Manager
Sebiz Infotech| Chandigarh   2008 - 2014

- Successfully managed over 200 SEO projects under a multitude of Scope, Time, Cost, and Resource constraints
- Streamlined processes in my team resulting in decreasing idle time and doubling productivity in strategic areas
- Invented several new services to be offered to the clients