













## LinkedIn | GitHub | Stackoverflow | HackerRank | YouTube | e-mail

#### **Objective**

A qualified software professional with more than **13 years** of IT experience across domains including Manufacturing, Banking, Finance, and hands-on experience with **Python, Machine Learning, Data Analytics** and **AWS** as an individual contributor and lead.

## **Skills and Achievements**

Python 3.x					
Machine Learning					
Amazon Web Services					
Data Analytics Tools					
DevOps Tools					

AWS Certified Developer - Associate
Expert Python Programmer (Gold Badge) – Hackerrank
AWS Certified Machine Learning Specialty Trained (Linux Academy)
Certified Machine Learning Graduate – Stanford Online (Coursera)
Certified Scrum Master – Scrum Alliance

### **Current Role**

Working as an AWS and Python backend developer lead responsible for the delivery of code enhancements, bug-fixes etc for a cloud-estate management tool. The tool provides the subscribers with analytics and reporting dashboards on billing and utilization data along with machine learning based cost saving recommendations.

Hands-on Tech-stack: Python3, Pandas, Matplotlib, Pyplot, AWS Sage-maker, Boto3

DevOps Tools: AWS DevOps Tools (CloudFormation, CodeCommit, CodeBuild etc), Jenkins, BitBucket, GIT, CICD

IDEs: Anaconda, Jupyter, PyCharm, Visual Studio Code

### **Detailed Responsibilities**

- Participate in periodic sprints as an owner of end-to-end delivery of assigned features development, testing and deployment
- Mentor and ensure the delivery of tasks assigned to the immediate reportees
- Participate in the daily stand-ups to share status updates on milestones and impediments, if any
- Co-ordinate across teams to provide or seek help, as and when needed, for the sprint deliverables
- Interact with the onshore counterparts technical architects, product owners and scrum masters for status updates
- Own production releases, sanity-checks and warranty support post deployment

### Current Employer Accenture India

Customer	Internal – Product Development – Accenture Cloud Platform
Role	Python/AWS Developer – Associate Manager
Period	March 2019 – till date
Technical Skills	Python 3, Pandas, Boto3, Matplotlib, Pyplot, AWS, AWS Sage-maker, Jenkins, BitBucket, AWS DevOps Tools, CICD

## **Previous Relevant Experience**

Toll Technology Center (TTC) India		
Internal – part of the core Data Science team for TTC		
Global Insights Analyst (Data Scientist)		
Oct 2018 to Mar 2019 (6 Months)		
Scikit-learn, Python 3.x.x, Folium, Dash, Plotly		
As a Data Scientist, work with the streaming Telematics data to generate insights and forecasts around – driving patterns,		
es driver scorecards, optimum utilization of vehicles, preempting maintenance schedules etc.		
Key responsibilities include:		
Extract the source data and features to work with to generate insights and visual dashboards based on Flask, Dash,		
Plotly, and Folium etc.		
<ul> <li>Work on formulizing a 'Driver Scorecard' metric based on the data points captured by the telematics device and streamed regularly.</li> </ul>		
Eventually, utilize predictive analytics algorithms to predict driving behavior, vehicle utilization and maintenance schedules etc.		

Employer	Tata Consultancy Services Ltd. (TCS)
Customer	Daimler Trucks North America Ltd.
Role	Data Scientist
Period	Jun 2013 to Oct 2018 (65 Months)
Technical Skills	Scikit-learn Library, Python 2.7.x, 3.x.x, Tableau 10.x, IBM DB2 SQL, Informatica Power Center, Ataccama Data Quality Suite
Roles and	As a Data Scientist, use Machine Learning, specialized libraries/packages like - Scikit-learn, Flask, Dash, Plotly, Folium,
Responsibilities	Matplotlib etc. along with Python to solve critical business problems related to predictions and forecasting. Key responsibilities include:

- Conduct brainstorming sessions to clearly define the business problem / use case
- Perform Exploratory Data Analysis
  - ✓ Data Gathering
  - ✓ Data Formatting Cleaning, Wrangling
- Feature Engineering
  - ✓ Handling Missing Values
  - ✓ Data Standardization Scaling
  - ✓ Handling Categorical Variables Encoding, Dummy Values
  - ✓ Handling NaN Values
  - ✓ Handling Imbalanced Datasets
- Feature Selection
  - ✓ Back Elimination
  - ✓ P-Value Categorization
- Modeling

Syntel Ltd.

- ✓ Model Selection
- ✓ Model Training
- $\checkmark$  Model Evaluation based on Accuracy, Confusion Matrix, Cross Validation
- Model Deployment
  - ✓ Deploying the model as an exposed API / web service / AWS
  - $\checkmark$  Observe the model output and if needed, make necessary changes and re-evaluate

Customer	American Express Inc.
Role	Project Lead – ETL Development
Period	Sep 2010 to May 2013 (33 Months)
Technical Skills	Informatica 8.6, Informatica 9.1, SQL Server 2008
Employer	Xavient Software Solutions Ltd.
Customer	T-Mobile USA, Inc.
Role	Application Programmer (ETL)
Period	Jan 2009 to Aug 2010 (20 months)
Technical Skills	Informatica 8.6 HF6
Employer	NTT Data Corporation (Previously, Keane India Ltd.)
Customer	Schneider Electric North America
Role	Software Engineer - Developer
Period	Aug 2007 to Dec 2008 (17 months)

# Onshore Travel / Visa

Technical Skills

Employer

Visa Status USA: Cap-exempt for a fresh H1B application

Informatica 8.6 HF6

Preferences Preferably looking for a permanent/long term opportunity in the US. Also open to other onshore locations.

Education Summary			
Qualification	Subject	Percentage/Grade	Year/Tenure
Bachelor Of Technology	Computer Science and Engineering	83.0%	2003 – 2007
12 <sup>th</sup> Grade / H.S.C.	Physics, Chemistry and Mathematics	82.8%	2003
10 <sup>th</sup> Grade / S.S.C.	Physics, Chemistry and Mathematics	86.0%	2001
10 <sup>th</sup> Grade / S.S.C.	Physics, Chemistry and Mathematics	86.0%	2001

Certifications and Credentials (for print version)	
AWS Certified Developer - Associate	https://www.youracclaim.com/badges/80552fe5-af6d-4052-ab53-a1e0cae58290
AWS Certified Machine Learning Specialty Training	https://linuxacademy.com/course/aws-certified-machine-learning-specialty
Stanford Online Certified Machine Learning Grad.	https://www.coursera.org/account/accomplishments/records/UAK3UER2TSHF
Python Programming – Gold Badge	https://www.hackerrank.com/anshulljain?hr_r=1
Certified ScrumMaster (due for renewal)	https://www.scrumalliance.org/get-certified/scrum-master-track/certified-scrummaster

Web References (for print version)			
e-mail	anshuljain.work@gmail.com		
LinkedIn	https://www.linkedin.com/in/anshul-jain-79342959/		
GitHub	https://github.com/Anshul-GH		
Stackoverflow	https://stackoverflow.com/users/12696163/anshul?tab=profile		
HackerRank	https://www.hackerrank.com/anshulljain		
YouTube	https://www.youtube.com/channel/UCtd92SsowXyCuJLy7P1VZ9g/videos		