

PROFILE

Data Science and Machine Learning professional with 5+ years of experience in ~~delivering valuable insights via data analytics and advanced data driven~~ methodologies and Overall 9+ years of experience in software development lifecycle. Proficient in building statistical models with Python.

CERTIFICATIONS & COURSES

- Certification on “**Introduction to Artificial Intelligence and Machine Learning**” from **Indian Institute of Science (IISc)** Bangalore in the year 2017
- Certification on “**Basics of Data Analytics**” from **Indian Institute of Science (IISc)** Bangalore in the year 2018
- “**Machine Learning**” and “**Introduction to TensorFlow for Artificial Intelligence**” from **Coursera**
- “**Data Science A-Z**” from **Udemy**

EXPERIENCE

~~DIRECTOR TECHNOLOGY DataKedge Technologies Pvt Ltd (Jan 2020 – Present)~~

- Developing End to End algorithms using Image processing, Machine Learning and Deep learning.
- Helping in optimizing existing Algorithms for customers
- Taking care of End to End Product Development

TECHNOLOGY LEAD

Itron India Pvt Ltd (Mar 2017 – Jan 2020)

- Developing and optimizing algorithms for Smart Electric Meter project using various regression techniques and Density based clustering algorithms.
- Reconciliation and Validation of the data.
- Develop python scripts to generate various data inputs as per the algorithm.
- Integrating python build with Azure DevOps Pipeline.

SENIOR SOFTWARE ENGINEER

Fidelity Investments (Jul 2013 – Mar 2017)

- Developed stored procedures, functions, triggers and SQL queries for Fidelity Pricing and Cash Management System (FPCMS) applications.
- Developed various analytical dashboards using Tableau.
- Automation of recurring tasks and reports using python and Shell scripting.

SOFTWARE ENGINEER

HCL Technologies Ltd (Apr 2011 – Jul 2013)

- Worked as a PL/SQL Developer for Asset Management Applications
- Developed various Applications using Shell scripting, SQL, Control-M and Informatica.

SKILLS

- Proficient in Python, SQL and Shell Scripting
- ~~Strong understanding of Predictive modeling and machine learning algorithms~~ such as K-NN, HDBSCAN, K Means, SVM and Decision Tree.
- Skilled in Regression techniques and time series forecasting - ARIMA model
- Good understanding of data cleaning and modeling
- Efficient in Data Visualization using Tableau
- Experience in Agile Methodology and sprint-based delivery
- Excellent 'communication', 'time management', 'team-working' and 'interpersonal' skills
- Strong knowledge on Digital Image processing and Deep Learning using TensorFlow

PROJECTS

IISc

Developed python program for Classification of Brain Tumor using Neural Networks

Healthcare Domain

~~Developed AI based Image Processing system for healthcare company as a freelancer~~

Healthcare Domain

Developed Data model for renowned diagnostic research company as a freelancer