

AKHIL PADGILWAR



apadgilwar@hawk.iit.edu



+1(312) 684-4773



3001 S king drive, Apt 1718, Chicago,
IL-60616



<https://www.linkedin.com/in/akhil-padgilwar-1a6a6753/>

EDUCATION

Illinois Institute of Technology
Chicago • 2018 - 2020

Master of Science: Information Technology and
Management, Data Science | Management
• GPA - 3.88/4.0

Savitribai Phule Pune University
Pune • 2015

Bachelor: Computer Science

SKILLS

Data Science | Analytics: Linear Regression, Multiple
Regression, Logistic Regression, Naïve-Bayes, KNN, Time
Series Analysis, AdaBoost, Ensemble classifier, ML Techniques

Languages: Python, R, Spark, Hive, Pig, MapReduce, other
Big data technologies, ASP.NET/MVC, Entity Framework,
JavaScript, HTML, Java, CSS, C/C++

Certifications: Introduction to Data Science, Python for Data
Science, RPA - Ui Path, RPA - Automation Anywhere,
Tableau, MongoDB, Alteryx

Languages: Python, R, Spark, Hive, Pig, MapReduce, other
Big data technologies, ASP.NET/MVC, Entity Framework,
JavaScript, HTML, Java, CSS, C/C++

Databases: SQL Server, MySQL, MS Access, Oracle 12c, Oracle
11g, PL/SQL, MongoDB

Tools, IDE, Servers: Tableau, Power BI, Visio, SQL
Developer, Visual Studio, RPA - Blue Prism, RPA - Automation
Anywhere (Certified), RPA - Automation UI Path, AVATAR
Automation Tool, OBIEE, ETL - Pentaho, Google Analytics,
SSRS, SharePoint, Alteryx

Presentation: Prezi Professional (3D PPT)

Cloud: AWS EC2, AWS S3, AWS security, AWS DynamoDB, AWS
CLI, AWS VPC, AWS ELB, AWS EBS, AWS AMI

ACADEMIC PROJECTS

- **NYC Parking Violation - JAN 2020** (Spark, Hive, Pig, MapReduce, other Big data technologies)
Performed different analysis to find the famous violations streets in NYC on large data and recommended the most violations of parking places in NYC.
- **Airbnb Predictive Analysis - JAN 2019** (Python, Scikit learn, matplotlib lib)
Performed predictive analysis to predict what is the first booking destination of the users. Analyzed the way of trends in the data.
- **Amazon Redshift Cloud Warehousing - JAN 2019** (AWS Redshift)
built a cloud warehouse and implemented the queries through MySQL Workbench.
- **Black Friday Sales Prediction - DEC 2018** (R, Python, Linear Regression, Multiple Regression, Logistic Regression, Naïve-Bayes, KNN)
Built different classification models like KNN, Naïve Bayes and logistic regression with the highest accuracy using MAE and AIC metrics and a Holdout evaluation.
- **Employment Rate Analysis - DEC 2018** (R, Python, Time Series Analysis)
Performed Time-Series analysis building ARIMA and SARIMA models to analyses the employment rate based on gender with the N-fold cross-validation method.
- **Ashland Ad Agency Database Application - DEC 2018** (SQL Developer, Visual Studio, MS Access, Oracle 12c, PL/SQL)
- **Freight Management System - JAN 2019** (Java, MySQL, JavaFX)

WORK EXPERIENCE

qBotica - Data Scientist

Phoenix, Arizona • 01/2020 - Present (ML, data visualization, RPA automation)

- Worked on Structured and unstructured data analysis and built robust algorithms
- Working on **RapidMiner- data science** tool to analyze and predict the results
- Implemented a Ui path Bot for Auto sending email utility and complete renewal process
- Certified RPA Ui path developer, ML with Document understanding, RPA Ui Path BA, Infra Certified

Illinois Institute of Technology - Graduate Teaching Assistant

Chicago, Illinois • 08/2019 - 12/2019 (Data Analytics and Data Mining)

Symantec Corporation - IT and Data Scientist Intern

Mountain View, California • 05/2019 - 08/2019

- Worked on Sales forecasting using machine learning models and increase the revenue of the company. The tasks were analyzing the data, perform the different operation on data, generate visualizations from the analyzed data
- Worked on Alteryx data Science tool for cleaning the data, transforming the data, Creating macros for the solution and deep programming
- Worked on deployment part of panda's script on Data Bricks in such a way that they must be compatible with Azure. (Tried to use spark)
- Performed ML models to integrate the data reports with the salesforce.

Infosys Limited - Senior System Engineer

Pune, India 11/2015 - 06/2018

- Developed numerous automation tools for client Rio Tinto using RPA **Automation Anywhere** and **Automation AVATAR** tool.
- Parallely, worked on the **UI path** and **Blue prism** tool of RPA
- Worked on OBIEE, a tool of data analytics used for data visualization with the help of ORMB data
- Completed Certification in **Automation Anywhere**

Persistent Systems Limited - Data Scientist Intern

Pune, India 05/2014 - 06/2015

- Developed an application 'A Smart Analytical Simulations for Digital Governance' for analyzing unstructured data from World Bank to improve the decision-making process