

# Aditya Khedekar

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## EDUCATION

### Vishwakarma Institute of Technology, Pune

B.Tech in Mechanical Engineering  
Grad. May 2021 | Pune, India  
CGPA : 8.9/10

### Government Polytechnic, Pune

Diploma in Mechanical Engineering  
Grad. May 2018 | Pune, India  
Percentage : 90.73%

## LINKS

Github:// aditya0by0  
LinkedIn:// Aditya Khedekar

## COURSEWORK

### Undergraduate

Data Analytics for Engineers  
Calculus  
Vector Calculus  
Linear Algebra  
Ordinary Differential Equations & Transform Techniques  
Partial Differential Equations & Numerical Techniques  
Numerical Methods for Engineers  
Probability and Statistics

## SKILLS

### Data Science

Machine Learning • Deep Learning  
Jupyter Notebooks • Numpy  
• Pandas • Matplotlib

### Programming

Python • Matlab • C • C++  
SAP ABAP

### Database

SQL

### Others

Git • GitHub • SAP MDG  
Solidworks

## EXPERIENCE

### Cognizant | SAP MDG Technical Consultant

Designation : Programmer Analyst Trainee

July 2021 - Present | Pune, India

- Performed Sipoc Analysis and Unit Testing for Business Process.
- Debugged and Identified bugs in existing custom applications.
- Enhanced HANA Search Functionality for custom attributes.
- Gained Knowledge of custom interfaces built in MDG to interact with external System and applications.

### Cognizant | Internship Trainee

Jan 2021 – July 2021 | Pune, India

- Trained and tested by the company on SQL, Java, SAP ABAP & SAP MDG.

## PROJECTS

### Linear Regression Model - Built from Scratch

DataSet - CarDekho Vehicle Dataset

Built Linear Regression Model from right scratch for CarDekho Vehicle dataset from Kaggle. Also have added regularization functionality to the model. This model works for single and multi-variables problems.

### MultiNomial Logistic Regression - Built from Scratch

DataSet - Iris Dataset

Built Logistic Regression model for multi-class Classification with Neural Network design approach and have added regularization parameter to prevent overfitting.

### PCA - Built from Scratch

Dataset - Dummy Data

Along with building model for Principal Component Analysis (PCA) step by step, I have also animated and provided detailed explanation for each step for a beginner to understand.

## CERTIFICATIONS

### Machine Learning | Instructor - Andrew Ng

Issued by Stanford University and Coursera

### Deep Learning Specialization | Instructor - Andrew Ng

Issued by deeplearning.ai and Coursera

### Python for Everybody Specialization

Issued by Michigan University and Coursera

### Python 3 Programming Specialization

Issued by Michigan University and Coursera

## LANGUAGE PROFICIENCY

- Japanese - JLPT N4 Certified
- German - Basic Proficiency
- English - Professional Proficiency
- Marathi - Native Proficiency
- Hindi - Native Proficiency