

Dear Reader,

Thanks for reaching out here.

In this Docs I have mentioned all the Certifications I have achieved in the domain of DevOps, MLOps and Machine Learning.

Note: This will take only and only take 3-4 minutes to get a gist over the entire document and 5-6 minutes hovering over entire links.

Also one more note, The Certificate which is numbered comes first as you go down is the latest certificate collected and the last certificate is the first certificate I have received.

So, Let's Start The Journey of mine of Collecting Certificates.

(All The Certificates Are Listed from the Next Page...)

Reason for making a docs not a pdf file is, I am continuously pursuing new courses for betterment of my skill to become competent in today's job market. So Google Docs has the only feature for this usage, because once a pdf file is created and if a new course is completed, so again create a new pdf file and uploading again on the drive, and it is tedious job. . So I thought this is most efficient way to update certificates, since I am regular learner

Udemy Courses:

1. DevOps Beginners to Advanced with Projects

- What Have I learned during the course ?

Linux, AWS, Jenkins, Nexus, SonarQube, Git, Maven, Python/Bash, Ansible, Docker, Kubernetes, Terraform

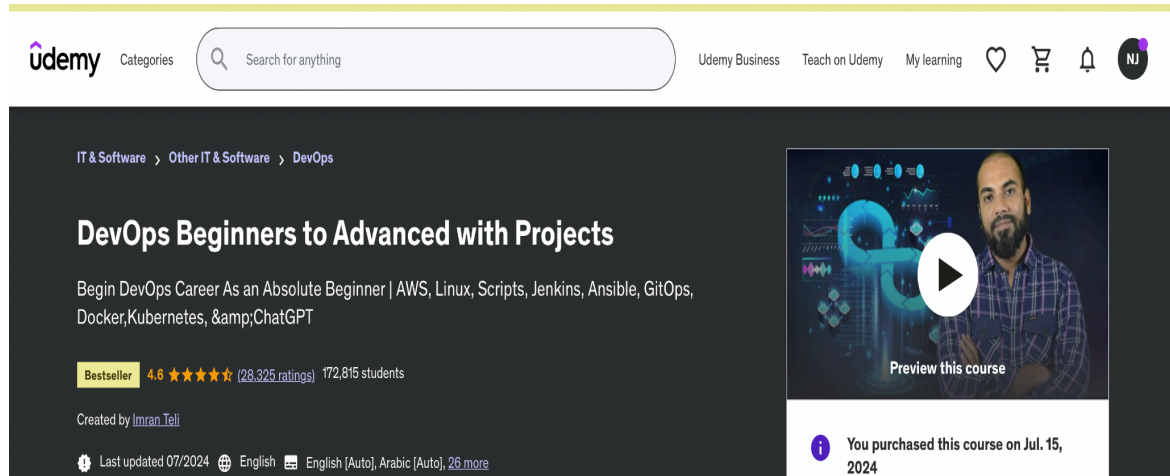
- Udemy Course Link:

<https://www.udemy.com/course/decodingdevops/?couponCode=NVDIN35>

- Certificate:

This certificate is given by Imran Teli

The Course is pursued by 172,815 students and 28,325 ratings are there. It has been rated as 4.6 stars out of 5. Bestseller on Udemy.



Certificate Link:

<https://www.udemy.com/certificate/UC-d776b033-e54b-494f-b80e-78dee0c16f13/>

- Github:

No Github link. Since all the work done was practical and directly running from the terminal only. So there was no such code like ml models, running a python file and it will have a certain output. All the test both theory and practical, were taken online only from their terminal. Practiced on my terminal, but test given on course provider terminal

2. MLOps Bootcamp: Mastering AI Operations for Success - AIOps

- What Have I learned during the course ?

Operationalization, Release, Monitoring, Performance, Tracking, Resume, Maintenance
ML artifacts

- Udemy Course Link:

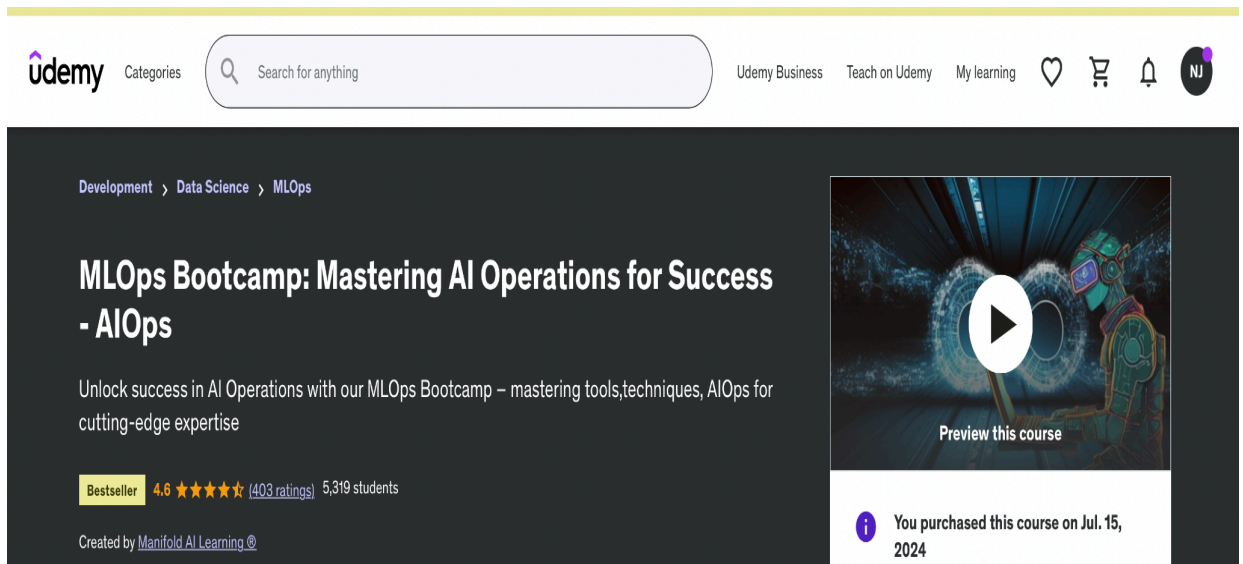
https://www.udemy.com/share/10agfE3@yTzdrC8mRFmDi76PiV6FUiBxZlaRECiFGZucgU713aJhqN6NqGWtBm9_mvSZG70kjA==/

- Certificate:

This Certificate Is Given By ManiFold Ai Learning.

This Course has 5319 ratings and 403 ratings.

The Course has around 4.6 stars out of 5.



Certificate Link:

<https://www.udemy.com/certificate/UC-15e7e60c-5fb8-42e1-bbde-d3408f6452ec/>

- GitHub:

<https://github.com/NiharJani2002/MLOPS-By-Manifold-AI-Learning>

CourseEra Courses

1. Unsupervised Learning, Recommenders, Reinforcement Learning

- What have I learned from this Course?

Use unsupervised learning techniques for unsupervised learning: including clustering and anomaly detection.

Build recommender systems with a collaborative filtering approach and a content-based deep learning method.

Build a deep reinforcement learning model.

- CourseEraCourseLink:

<https://www.coursera.org/programs/learning-program-for-family-iwira/learn/unsupervised-learning-recommenders-reinforcement-learning>

And The Most Good Thing About this Course I have Collected two certificates by this Course

- Certificate 1:

This Certificate Is Given By *Deep Learning AI and Stanford Online*

Certificate 1 Link:

<https://coursera.org/share/647d379b1ec0a9292ee87a7048a9153f>

- Certificate 2

This Certificate Is Given By *Deep Learning AI and Stanford University*

Certificate 2 Link:

https://www.coursera.org/account/accomplishments/specialization/4RSXHD325JCP?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharimg_cta&utm_product=s12n

- GitHub:

In This Github Repo I have uploaded all the Graded Coding Assignments In The Form of Jupyter Notebook.

Github Link:

<https://github.com/NiharJani2002/Unsupervised-Learning-Recommenders-Reinforcement-Learning>

2. Advanced-Learning-Algorithms

- What have I learned from this Course?

Build and train a neural network with TensorFlow to perform multi-class classification

Apply best practices for machine learning development so that your models generalize to data and tasks in the real world

Build and use decision trees and tree ensemble methods, including random forests and boosted trees

- CourseEra Course Link:

<https://www.coursera.org/programs/learning-program-for-family-iwira/learn/unsupervised-learning-recommenders-reinforcement-learning>

- Certificate:

This Certificate Is Given By Deep Learning AI and Stanford Online

Certificate Link:

https://www.coursera.org/account/accomplishments/verify/7FW7HZLYK6N6?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=course

- Github:

In This Github Repo I have uploaded all the Graded Coding Assignments In The Form of Jupyter Notebook.

Github Link:

<https://github.com/NiharJani2002/Advanced-Learning-Algorithms?tab=readme-ov-file>

3. Supervised-Machine-Learning-Regression-and-Classification

- What have I learned from this Course?

Build machine learning models in Python using popular machine learning libraries NumPy and scikit-learn.

Build and train supervised machine learning models for prediction and binary classification tasks, including linear regression and logistic regression

- CourseEra Course Links:

<https://www.coursera.org/learn/machine-learning>

- Certificate:

This Certificate Is Given By Deep Learning AI and Stanford Online

Certificate Link:

<https://coursera.org/share/a4005a5901ae67aea63f31ef2edb322b>

- Github:

In This Github Repo I have uploaded all the Graded Coding Assignments In The Form of Jupyter Notebook.

Github Link:

<https://github.com/NiharJani2002/Supervised-Machine-Learning-Regression-and-Classification>

4. Introduction-to-TensorFlow-for-Artificial-Intelligence-Machine-Learning-and-Deep-Learning

- What have I learned from this Course?

- **Building and Training Neural Networks:** I learned to construct basic neural networks using TensorFlow and train them for various tasks, particularly focusing on computer vision applications.
- **Convolutional Neural Networks (CNNs):** The course provided in-depth knowledge on using convolutions to enhance neural network performance, crucial for image recognition and processing tasks.
- **Practical Implementation:** Hands-on projects and assignments enabled me to apply theoretical concepts to real-world scenarios, improving my practical skills in machine learning and AI.

- CourseEra Course Link:

https://www.coursera.org/account/accomplishments/verify/ZYMPYUZ9PVQU?utm_source=link&utm_medium=certificate&utm_content=cert_image&utm_campaign=sharing_cta&utm_product=course

- Certificate

This Certificate Is Given By Deep Learning AI

Certificate Link:

<https://coursera.org/share/e2e9c40c1e916e14721f98eb6ea60b64>

- Github:

In This Github Repo I have uploaded all the Graded Coding Assignments In The Form of Jupyter Notebook.

Github Link:

<https://github.com/NiharJani2002/Introduction-to-TensorFlow-for-Artificial-Intelligence-Machine-Learning-and-Deep-Learning?tab=readme-ov-file>

5. Get Started With Python

- What have I learned from this Course?

From the "Get Started with Python" course by Google on Coursera, I have gained a foundational understanding of Python programming, which is crucial for data professionals. Key learnings include:

- **Python Basics:** I learned the syntax and semantics of Python, including basic building blocks like variables, data types, and functions.
- **Control Flow and Functions:** The course covered how to control the flow of programs using conditional statements and functions.
- **Loops and String Manipulation:** I explored different types of loops for repeated operations and how to manipulate strings efficiently.
- **Data Structures:** I gained knowledge about various data structures such as lists, tuples, dictionaries, and sets, and how to use them to organize and store data.
- **Python Libraries:** The course introduced me to essential Python libraries like NumPy and pandas, which are integral for data analysis and manipulation.

- CourseEraCourse link:

<https://www.coursera.org/programs/learning-program-for-family-iwira/learn/get-started-with-python>

- Certificate:

This Certificate Is Given By Google.

Certificate Link:

<https://coursera.org/share/fe669b55269bebbc81c447bba4ddaa71>

- Github:

In This Github Repo I have uploaded all the Graded Coding Assignments In The Form of Jupyter Notebook.

Github Link:

<https://github.com/NiharJani2002/Get-Started-with-Python>

Kaggle Courses

6. Computer Vision

- What I have learned In This Course ?

The Kaggle Computer Vision course provides a structured learning path to build and understand convolutional neural networks (CNNs) using TensorFlow and Keras. It covers essential skills such as creating a basic CNN model, applying convolutional layers and ReLU activations for feature extraction, utilizing maximum pooling to reduce spatial dimensions, adjusting stride and padding in convolutions, designing custom CNN architectures, and enhancing model performance through data augmentation. This comprehensive course equips learners with the practical knowledge needed to implement and refine CNNs for various computer vision tasks.

- Kaggle Course Link:

<https://www.kaggle.com/learn/computer-vision>

- Certificate:

This Certificate Is Given By Kaggle.

Certificate Link:

<https://github.com/NiharJani2002/Kaggle-Computer-Vision-Course-/blob/master/Nihar%20Jani%20-%20Computer%20Vision.png>

- Github:

<https://github.com/NiharJani2002/Kaggle-Computer-Vision-Course->

7. Intermediate Machine Learning

- What I have learned In This Course?

The Kaggle Intermediate Machine Learning course equips learners with essential skills for tackling real-world data challenges. It addresses issues such as missing values, non-numeric data, and data leakage, providing practical methods to handle these problems. The course emphasizes the use of **pipelines** for efficient preprocessing and model deployment, **cross-validation** for robust model evaluation, and **XGBoost** for high-performance structured data modeling. Building on foundational knowledge from the Intro to Machine Learning and Pandas courses, it also introduces advanced topics like **Feature Engineering** and **Time Series** analysis. The course includes hands-on exercises and tutorials, is free of cost, and is taught by Alexis Cook, with an estimated completion time of four hours.

- Kaggle Course Link:

<https://www.kaggle.com/learn/intermediate-machine-learning>

- Certificate:

This Certificate Is Given By Kaggle.

Certificate Link:

<https://github.com/NiharJani2002/kaggle-Intermediate-Machine-Learning/blob/master/Nihar%20Jani%20-%20Intermediate%20Machine%20Learning.png>

- Github:

<https://github.com/NiharJani2002/kaggle-Intermediate-Machine-Learning>

8. Machine Learning

- What Have I learned in this course ?

The Kaggle Intro to Machine Learning course covers the fundamentals of machine learning, guiding you through building and evaluating your first models. It starts with **How Models Work**, followed by **Basic Data Exploration**, and progresses to creating your first model. You'll learn about **Model Validation** to assess performance, and address **Underfitting and Overfitting** to optimize your model. The course also introduces **Random Forests**, a more advanced algorithm, and offers insights into **Machine Learning Competitions** to test and improve your skills. Building on Python knowledge, it prepares you for further study in **Machine Learning Explainability**, **Intermediate Machine Learning**, and **Intro to Deep Learning**. The course is free, estimated to take 3 hours, and is instructed by Dan Becker.

- Kaggle Course Link:

This Certificate Is Given By Kaggle.

Course Link:

[Learn Intro to Machine Learning | Kaggle](#)

- Certificate:

<https://github.com/NiharJani2002/Kaggle-Intro-To-Machine-Learning/blob/master/Nihar%20Jani%20-%20Intro%20to%20Machine%20Learning.png>

- Github:

<https://github.com/NiharJani2002/Kaggle-Intro-To-Machine-Learning>

9. Introduction to SQL

- What Have I Learned In This Course?

Master SQL for database management with Google BigQuery in the Kaggle Intro to SQL course. This course introduces the basics of working with large datasets through SQL and BigQuery. You'll start with foundational SQL commands like **Select**, **From**, and **Where**, and then move on to advanced techniques such as **Group By**, **Having**, and **Count** for deeper data insights, and **Order By** to arrange your results effectively. The curriculum also includes **As** and **With** for better query organization and **Joining Data** to integrate multiple data sources. Designed for those with a Python background, the course also sets the stage for **Advanced SQL** topics. It's a no-cost course, estimated to take 3 hours, and is led by Rachael Tatman and Alexis Cook.

- Kaggle Course Link:

<https://www.kaggle.com/learn/intro-to-sql>

- Certificate:

This Certificate Is Given By Kaggle.

Certificate Link:

<https://github.com/NiharJani2002/Kaggle-Intro-To-SQL/commit/9f610713e1c744e198eb5dc115906cfda73c4190>

- Github:

<https://github.com/NiharJani2002/Kaggle-Intro-To-SQL/tree/master>

10. Advanced SQL

- What have I learned In This Course?

The Kaggle Advanced SQL course aims to advance your SQL expertise. It delves into complex subjects like **JOINS** and **UNIONS** for integrating data across tables, **Analytic Functions** for detailed calculations on data groups, and querying **Nested** and **Repeated Data** in BigQuery. The course also focuses on methods for **Writing Efficient Queries** to boost performance and optimize data processing. Building upon the foundational skills from the Intro to SQL course, this no-cost course spans around 4 hours and is led by Alexis Cook.

- Kaggle Course Link:

<https://www.kaggle.com/learn/advanced-sql>

- Certificate:

This Certificate Is Given By Kaggle.

Certificate Link:

<https://github.com/NiharJani2002/Kaggle-Advanced-SQL/blob/master/Nihar%20Jani%20-%20Advanced%20SQL.png>

- Github Link:

<https://github.com/NiharJani2002/Kaggle-Advanced-SQL/tree/master>

11. Kaggle-Geospatial-Analysis

- What I have learned In This Course?

Create interactive maps, and discover patterns in geospatial data.

- Kaggle Course Link:

<https://www.kaggle.com/learn/geospatial-analysis>

- Certificate

<https://github.com/NiharJani2002/Kaggle-Geospatial-Analysis/blob/master/Nihar%20Jani%20-%20Geospatial%20Analysis.png>

- GitHub Link:
<https://github.com/NiharJani2002/Kaggle-Geospatial-Analysis/tree/master>

For More Certifications:

<https://www.linkedin.com/in/nihar-jani-8824011bb/details/certifications/>

FAQS

1. How Do You Collect So Many Certificates?

Ans) More than this, I want to tell you one more pattern among certificates. Most Certificates are collected within May and July. The Reason is very simple: my university offers Summer vacation from May to July only. So in the month of May I learn the basics of Subject from Youtube, when this process ends, I move towards collection of Certificates.

So, the answer is I spent my whole day learning new concepts in AI/ML from morning to evening the whole day and learned new concepts first and then applied those concepts by giving exams of Courses.

2. What's the main motivation behind this ?Like Summer Vacation can be spent in some other ways such as learning different languages, new subjects other than AI/ML, playing sports, and more?

Ans)AI and machine learning are rapidly growing fields, with ongoing research and a high success rate. Professionals in these areas often receive higher salaries compared to other fields. To prepare for the job market, I am working on obtaining relevant certifications. Additionally, AI and ML are fascinating due to their applications, such as visualizing 4D/5D graphs, creating models for segmentation or detection, and natural language processing.

Thanks giving Note:

Thanks Recruiter, if you have reached this last page of the document. Because most of the time it does not happen. The Reason is simple, the resume/cv goes for ATS tracking if it satisfies the algorithm then moves forwards otherwise removed.

Attaching so many certificates in one page resume is difficult. So, there is less probability the recruiter reaches the end of the document.

So, Again Thanks for reaching this last page of the document.

You are a very nice recruiter because you have shown your kindness by spending your few minutes appreciating and reading the story of my collection of certificates.

From,

Nihar Jani

Email id: niharmaheshjani@gmail.com

Contact Number: +91 6352516405 (Work)