

February 24

My AI journey

2024

This is a summary of my twelve years journey towards achieving the required experience, trainings and skills in AI , Gen-AI technologies, key one being completion of generative AI courses and Master thesis in AI

Vijayananda Mohire

Sl.No	Name of the task	Task Type	Date completed	Task Details	Related Link
1	M.Tech – AI Neural Networks	Assignments 1 & 2	Dec 10, 2010	My first AI based study and assignment for a semester	https://www.slideshare.net/Vijaymohire/mtech-aineuralnetworksassignment https://www.slideshare.net/Vijaymohire/ai-and-neural-networks-assignment-ii
2	Master's Thesis in Artificial Intelligence	Master Thesis	Jan 10, 2012	My first research work in AI for 2 semesters with published paper and supporting project	https://www.slideshare.net/Vijaymohire/disseration-mtech
3	IBM Watson solution for Resume bank	Presentation	Aug 11, 2014	Our first presentation on Watson's NLP and AI capabilities to a CEO	https://www.slideshare.net/Vijaymohire/ibm-watson-resume-bankstrategy
4	Bhadale group of companies AI services catalogue	Service Catalogue	Jun 15, 2017	This is our first AI catalogue as part of the startup	https://www.slideshare.net/Vijaymohire/bhadale-group-of-companies-ai-services-catalogue
5	Bhadale group of companies AI program products catalogue	Products Template Catalogue	Aug 20, 2017	This is our first AI products catalogue as part of the startup	https://www.slideshare.net/Vijaymohire/ai-program-products-catalogue
6	Bhadale group of companies AI assisted living	Service Catalogue	Mar 26, 2018	This is our AI catalogue for Assisted Living	https://www.slideshare.net/Vijaymohire/bhadale-group-of-companies-ai-assisted-living
7	Bhadale group of companies azure AI services catalogue-detailed	Service Catalogue	Apr 18, 2018	This is our AI catalogue for Azure based products	https://www.slideshare.net/Vijaymohire/bhadale-group-of-companies-azure-ai-services-catalogue-detailed
8	Intro to AWS deep learning	Certificate	Jun 01, 2018	Short course with features and AWS products for DL for Text analysis, voice, image and sentimental analysis	https://www.slideshare.net/Vijaymohire/intro-to-aws-deep-learning
9	Intel AI Portfolio	Certificate	Oct 13, 2018	Computer Vision SDK, Intel Movidius vision processing units, AI Dev cloud platform, DL system, Saffron cognitive solution	https://www.slideshare.net/Vijaymohire/intel-ai-portfolio
10	Intel artificial	Certificate	Oct 15, 2018	Certificate for completion of various	https://www.slideshare.net/Vijaymohire

	intelligence expert			courses to get the Expert level	e/intel-artificial-intelligence-expert
11	Bhadale group of companies advanced AI services catalogue	Service Catalogue	Aug 24, 2019	Advanced AI services related to AI, VR, AR, computer vision, robotic navigation, etc	https://www.slideshare.net/Vijaymohire/bhadale-group-of-companies-advanced-ai-services-catalogue
12	Bhadale group of companies AI neural networks and algorithms catalogue	Service Catalogue	Sept 4, 2019	Algorithms like genetic, deep neural networks, various machines , BRANN, SOM, etc	https://www.slideshare.net/Vijaymohire/bhadale-group-of-companies-ai-neural-networks-and-algorithms-catalogue
13	Bhadale group of companies robotics catalogue	Service Catalogue	Oct 2, 2019	Design of robotics manipulators, robot vehicles, haptic robots , telemanipulators, exoskeletons, bio-inspired robots, office robots	https://www.slideshare.net/Vijaymohire/bhadale-group-of-companies-robotics-catalogue
14	Bhadale group of companies cognitive enterprise catalogue	Service Catalogue	Oct 7, 2019	Design of Cognitive Enterprise Automation, Cognitive process automation that uses BPM,RPA, DSS, AI/ML, & Block chain	https://www.slideshare.net/Vijaymohire/bhadale-group-of-companies-cognitive-enterprise-catalogue
15	Intel AI badge	Certificate	Mar 05, 2020	Partner training for Intel AI products	https://www.slideshare.net/Vijaymohire/intel-ai-badge
16	Watson Discovery Foundations	Certificate	Mar 08, 2020	IBM Watson's Discovery tool for developing AI based cognitive products, helping many organizations to improve their business using AI	https://www.slideshare.net/Vijaymohire/watson-discovery-foundations
17	Bhadale group of companies AI robotics products catalogue	Product Catalogue	Apr 06, 2020	This is our first version of AI product delivery. We offer simple multi-agent system based package and concordance package for text mining and analysis	https://www.slideshare.net/Vijaymohire/bhadale-group-of-companies-ai-robotics-products-catalogue
18	AWS Machine Learning data readiness	Certificate	Sept 23, 2020	This is my training using AWS EC2, KNIME Analytics 3.6.2 and AWS Console, RDP to configure and launch project using adult dataset to predict people in US who will earn 50k or more based of 70 features which has been feature engineering for dimensionality reduction	https://www.slideshare.net/Vijaymohire/machine-learning-data-readiness

19	Developing Machine Learning applications	Certificate	Sept 23,2020	This is a course that offers insights of Amazon SageMaker, hyperparameters tuning, Amazon Automatic model tuning, Neo compile, and ML algorithms along with app development using Cifar dataset, MXNet and Gluon	https://www.slideshare.net/Vijaymohire/developing-machine-learning-applications
20	Azure ML Badge	Certificate	Oct 18,2020	Build and operate ML solutions using Azure ML	https://www.slideshare.net/Vijaymohire/azure-ml-badge
21	Create ML models		Oct 24, 2020	Create ML models using Azure ML	https://www.slideshare.net/Vijaymohire/azure-ml-model-badge
22	RPA and cognitive tech for leaders	Certificate	Jan 28, 2021	RPA, Cognitive approaches for AI	https://www.slideshare.net/Vijaymohire/rpa-ai-and-cognitive-tech-for-leaders-241954372
23	Google big data and ml	Certificate	Feb 11, 2021	Google product line like Cloud BigQuery, Cloud Dataproc, Cloud Dataflow, Cloud Pub/Sub, TensorFlow, ML, Cloud Speech API, Cloud Vision API, Cloud Natural Language API, Cloud Translation API, Cloud Jobs API	https://www.slideshare.net/Vijaymohire/google-big-data-and-ml
24	Bhadale group of companies quantum ml services catalogue	Service Catalogue	July 28, 2021	QML related services like models, algorithms, quantum circuit etc	https://www.slideshare.net/Vijaymohire/bhadale-group-of-companies-quantum-ml-services-catalogue

25	Bhadale group of companies quantum ml industrial solutions catalogue	Service Catalogue	Aug 01, 2021	We offer optimized end-to-end quantum machine learning solutions that enable better integrated quantum cloud systems, for real time responses and handling mission critical problems.	https://www.slideshare.net/Vijaymohire/bhadale-group-of-companies-quantum-ml-industrial-solutions-catalogue
26	Generative AI Fundamentals	Certificate	Jul 28, 2023	Generative AI prompt design and prompt engineering	https://www.slideshare.net/Vijaymohire/skills-badge-generative-ai-fundamentals
27	Introduction to Large Language Models	Certificate	Jul 28, 2023	Google LLMs – BERT, Transforms, Attention Mechanism etc	https://partner.cloudskillsboost.google/public_profiles/21df4ed1-1e6a-4bfe-86d9-02cbc122782e/badges/4460290
28	Generative AI Fundamentals - Databricks	Certificate	Aug 05, 2023	Introducing Generative AI, Finding Success With Generative AI, Assessing Potential Risks and Challenges	https://www.slideshare.net/Vijaymohire/generative-ai-fundamentals-databricks
29	The Art of Prompt Engineering - IBM	Certificate	Aug 07, 2023	This is a hands on course using OpenAI API call to ChatGPT from Cognitive Lab. The lab offers details on the design of prompts, using templates, LangChain and various techniques enabling precise and required information to be send as a response, useful for intelligent chat bot development	https://www.slideshare.net/Vijaymohire/the-art-of-prompt-engineering
30	Large Language Models (LLMs)- Application through Production- Databricks	Certificate	Aug 13, 2023	Module 1 - Applications with LLMs Module 2 - Embeddings, Vector Databases and Search Module 3 - Multi-stage Reasoning Module 4 - Fine-tuning and Evaluating LLMs Module 5 - Society and LLMs: Bias and Safety Module 6 - LLMOps	https://www.slideshare.net/Vijaymohire/the-art-of-prompt-engineering

31	Encoder-Decoder Architecture	Certificate	Aug 22, 2023	Google architecture related to Encoder and Decoder model type	https://partner.cloudskillsboost.google/public_profiles/21df4ed1-1e6a-4bfe-86d9-02cbc122782e/badges/4794135
32	Transformer Models and BERT Model	Certificate	Aug 22, 2023	Google architecture related to Transformer and BERT	https://partner.cloudskillsboost.google/public_profiles/21df4ed1-1e6a-4bfe-86d9-02cbc122782e/badges/4797338
33	Implementing Generative AI with Vertex AI	Certificate	Aug 24, 2023	Hands-on Labs using Vertex AI for LLM model	https://partner.cloudskillsboost.google/public_profiles/21df4ed1-1e6a-4bfe-86d9-02cbc122782e/badges/4835675
34	Google Cloud Big Data and Machine Learning Fundamentals	Certificate	Sept 5, 2023	How Big Data, Spark cluster and Hadoop tasks are deployed in Google DataProc	https://partner.cloudskillsboost.google/public_profiles/21df4ed1-1e6a-4bfe-86d9-02cbc122782e/badges/5008061
35	Feature Engineering	Certificate	Sept 19, 2023	Feature engineering tools in GCP	https://partner.cloudskillsboost.google/public_profiles/21df4ed1-1e6a-4bfe-86d9-02cbc122782e/badges/5211725
36	Develop Generative AI solutions with Azure OpenAI Service	Certificate	Nov 08, 2023	ChatGPT, Transformers, DALL, based AI LLM from OpenAI based Azure services. A great way to learn and get hands-on with Open AI fundamentals for Hi- quality Text, Code, and Image generation.	https://www.slideshare.net/Vijaymohire/develop-generative-ai-solutions-with-azure-openai-service
37	Prepare for AI Engineering	Certificate	Nov 09, 2023	Learnt how to provision, secure, monitor, and deploy Azure AI Services resources and use them to build intelligent solutions.	https://learn.microsoft.com/api/achievements/share/en-us/vijaymohire/3XZEJR4H?sharingId=85A25798C761F7F2

38	Create bots with Microsoft Copilot Studio	Certificate	Dec 11, 2023	Learnt creating copilots, and how to create topics that will be used to drive conversations. Also learnt how to create custom entities that can be applied inside of topics to extract information	https://learn.microsoft.com/en-us/users/vijaymohire/achievements/3xenjkfh
39	Generative AI Business Transformation - ACM	Certificate	Jan 18, 2024	In this Journey, learners of all levels will develop a shared understanding of what Generative AI is, the guardrails for use and identify of how to use, build and experiment with the technology in a responsible manner. Learners will also develop skills for leading through this disruption with empathy, while cultivating the human skills to sustain the transformation	https://www.slideshare.net/slideshows/generative-ai-business-transformation/265513191
40	Practical ChatGPT From Use Cases to Prompt Engineering & Ethical Implications-ACM	Certificate	Jan 25, 2024	This journey provides learners with a thorough exploration of ChatGPT, starting with an introduction to large language models and their capabilities, the series progresses through practical applications, advanced techniques, industry impacts, and important ethical considerations.	https://www.slideshare.net/slideshows/practical-chatgpt-from-use-cases-to-prompt-engineering-ethical-implications/265796293
41	GitHub Copilot- Azure	Certificate	Jan 29, 2024	Explore the fundamentals of GitHub Copilot and its potential to enhance productivity and foster innovation for both individual developers and businesses. Discover how to implement it within your organization and unleash its power for your own projects	https://www.slideshare.net/slideshows/github-copilotvijaymohire/265932732

42	Social feeds	ORCID	2021 onwards	Posted various AI related catalogues and work samples	https://orcid.org/0000-0002-0647-4130
43	Social feeds	Academia	2022 onwards	Posted various AI related training materials and catalogues	https://ksoumysore.academia.edu/vijaymohire
44	Social feeds	GitHub	2021 onwards	Repository of my AI training with code samples and results	https://github.com/vijaymohire

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