



## MANOHAR PALANISAMY

Date of birth: 15/03/1995

Nationality: Indian

Gender: Male

### CONTACT



Salem, India



[send2manoo@gmail.com](mailto:send2manoo@gmail.com)



(+91) 9819876078



<http://bit.ly/MLNotesStanford>

<http://bit.ly/>

[ManoharPalanisamy](#)

**LinkedIn:** <http://bit.ly/>

[ManoharPalanisamyLinkedIn](#)

**Other:** <http://bit.ly/>

[GithubManohar](#)

### ABOUT ME

I'm learned from failure, self-taught, independent, motivated and passionate about technology. I gathered knowledge from basic to advanced in Big Data, Parallel Computing, Machine learning, Neural Networks and Computer Vision. It is easy to grasp a term in Artificial Intelligence. I did plenty of projects in real time. It made me proud being a researcher; I like two words from English, Discipline and Confidence. This is what I always believe to reach the goal. I understand every bit and byte of a computer. Like, English to machine language zero's and One's feeding the logic gates of the computer transistors.

### EDUCATION AND TRAINING

05/09/2012 – 25/04/2016 – India

#### Computer Science and Engineering

Anna University

02/07/2010 – 22/05/2012 – India

#### Mathematics and Computer Science

Higher Secondary Course Certificate

### WORK EXPERIENCE

31/01/2017 – 21/11/2018 – Mumbai, India

#### Software Developer Executive

QuantumLink Communications Pvt Ltd

- I was responsible for handling feature enhancement and *bug* fixing related to our products which also included understanding the requirements and preparing design documents and Impact Analysis. I used Core Java, JavaScript, Spring, JQuery, Servlet, Freemarker, HTML, Ajax, CSS and MySQL.
- Developing a Research-based web application FieldSense. This project is based on a Salesforce tracking system which is used to track a salesperson and worked as an email product that has complete knowledge of network and email protocols to Ensure timely delivery and quality all compliant with the client's quality processes.

Information and communication

02/03/2016 – 07/04/2016 – Salem, India

#### Trainee Developer Intern

Vetri Systems

- I worked on a project titled "MEDI SOFT - CLOUD BASED MOBILE APPLICATION FOR HEALTH CARE SERVICES". This project was aimed to Automate solution that goes well beyond just field and sales force tracking. The MEDI SOFT mobile app allows your field and sales force to perform a range of routine activities like reaching meeting destinations with real-time navigation assistance.
- I used java micro architecture to create the applications and bootstrap used for the adaptability of the application to all mobile devices.

## CERTIFICATIONS

07/02/2017 – 05/02/2022

### Machine Learning

An online course authorized by Stanford University and offered through Coursera

<https://coursera.org/verify/WFUWAE7JQ924>

15/05/2019 – 21/01/2022

### Applied AI with DeepLearning

An online course authorized by IBM and offered through Coursera

[coursera.org/verify/DRENBK43NW8](https://coursera.org/verify/DRENBK43NW8)

27/01/2017 – 04/12/2018

### Deep Learning and Computer Vision

This certificate above verifies that Manohar Palanisamy successfully completed the course Deep Learning and Computer Vision A-Z™: OpenCV, SSD & GANs on 12/04/2018 as taught by Hadelin de Ponteves, Kirill Eremenko, LGENCY I Team, LGENCY Team on Udemy.

<https://udemy-certificate.s3.amazonaws.com/image/UC-UEOKI4W6.jpg>

27/05/2016 – 08/08/2016

### Advanced Java Programming

This certificate above verifies that Manohar Palanisamy successfully completed the course Advanced Java Programming on 08/08/2016 as taught by Infinite Skills on Udemy.

<https://www.udemy.com/certificate/UC-UO2X33A1/>

20/11/2015 – 07/08/2016

### Java Multithreading

<https://www.udemy.com/certificate/UC-X0ZFJXQ9/>

02/07/2014 – 08/10/2014

### C and C++ Programming

## CREATIVE WORKS

17/07/2020 – CURRENT

### Marvel Image Classifier

- Transfer learning using Resnet50 Architecture from Fast AI Library (Marvel Heroes Classification) to classify Marvel Heroes based on 12 Classes (Super Heroes)

<http://bit.ly/MarvelHeroesClassification>

07/10/2020 – CURRENT

### Machine Learning Notes

- Developing Machine learning Notes for my reference and wrote some difficult topics on layman terms. which were inspired by Andrew NG, Computer Scientist.

<http://bit.ly/MLNotesStanford>

## PROJECTS

**02/05/2018 – 07/06/2018**

### **Distributed Deep Learning | Horovod | Message Passing Interface(MPI)**

<https://github.com/send2manoo/Distributed-Deep-Learning-With-Horovod-MPI>

- Horovod is a distributed training framework for Keras and TensorFlow. The goal of Horovod is to make distributed Deep Learning fast and easy to use.
- The primary motivation for this project is to make it easy to take a single-GPU TensorFlow program and successfully train it on many GPUs faster.

**03/03/2018 – 25/03/2018**

### **Image Augmentation Model | Convolutional Neural Network(CNN)**

<https://github.com/send2manoo/Image-Classification>

- Automate extraction of Screen shots from Photos.
- I've trained a CNN model to predict Screen Shot files from Album and extract them out of photos directory.

**05/11/2018 – CURRENT**

### **Object Detection Using Single-Shot Detection(SSD)**

- Worked on Open Source SSD model Using VOC dataset to detect the object in Videos and Photos.

**07/09/2017 – 15/09/2017**

### **Spark | Distributed cluster | scala | pyspark**

<https://github.com/send2manoo/Spark-Example>

- Implement Word Count project using Scala and Build with SBT and run spark jobs across HDFS clusters with the help of YARN.
- Develop spark programmes using pyspark as per the requirement.

## HONOURS AND AWARDS

**07/03/2014**

**Code Debugging – TECHMEET-2014**

First Prize for Code Debugging in TECHMEET-2014 in our college

## DIGITAL SKILLS

Docker Container / BIG DATA Knowledge / MACHINE LEARNING / AI and Deep Neural Networks / Computer Vision Basics / Derivatives / Gradient Descent / Natural Languages Processing / Data structures / Web Programming: HTML, CSS, Javascript (front-end), Java (back-end) / programming software engineering software development / Deployment of web servers running IIS, Apache, NGINX / Machine Learning (Andrew Ng course on Coursera) / Algorithm Design / Artificial Intelligence and Machine Learning concepts

## LANGUAGE SKILLS

### **OTHER LANGUAGE(S):**

**English**

**Listening**  
B2

**Reading**  
B2

**Spoken  
production**  
B2

**Spoken  
interaction**  
B2

**Writing**  
B2