

## Education

<b>Thiagarajar College of Engineering</b> <i>Bachelor of Technology, Computer Science and Engineering (CGPA: 9.58)</i>	Madurai, India 2010 - 2014
<b>Nadar Higher Secondary School</b> <i>TamilNadu Higher Secondary School Examination (Score: 92.41%)</i>	Madurai, India 2010
<b>Nadar Higher Secondary School</b> <i>TamilNadu Secondary School Examination (Score: 95.2%)</i>	Madurai, India 2008

## Programming Skills

*Machine Learning Frameworks:* Apache Spark, Apache Mahout, PyTorch

*Languages:* Java, Python, C, JavaScript, HTML

*Databases:* MySQL, SqlLite3

*Web Development Frameworks:* Python Flask, J2EE, jQuery, Twitter Bootstrap

*Operating Systems:* Unix (mainly MacOS, Ubuntu)

*Version Control Systems:* Git, Mercurial

## Interests

- Machine Learning Systems
- Natural Language Processing
- General purpose programming
- Scripting
- Information Systems

## Work Experience

<b>Zoho Corporation</b> <i>Member Technician Staff, ZLabs Machine Learning</i>	Chennai, India Aug 2015 - Present
<ul style="list-style-type: none"><li>– Working on various NLP applications using Machine Learning Techniques that will be used by other product teams</li><li>– Developed various use cases for a different team that has mentioned below,<ul style="list-style-type: none"><li>* <i>Clustering:</i> Find abnormal activities in response time, resolution time in the network</li><li>* <i>Classification:</i> Sentiment analysis, Email Zone classifier, Noise removal classifier, Approval prediction, Reopen probability prediction</li><li>* <i>Recommendation:</i> Technical agent prediction</li><li>* <i>NLP Tasks:</i> Automatic keyword extraction (RAKE), Text Summarization using Text Ranking</li><li>* <i>Text Processing:</i> Auto tagging using Topic Modeling (LDA)</li><li>* <i>Dev Ops:</i> Time invested in Apache spark UDF parallelism, JCL - dynamic jar class loader, DFS - data file system written on top of Hadoop</li></ul></li><li>– All the works are written in core Java and used <i>Apache Spark (MLLib)</i> - a machine learning framework as a primary framework</li></ul>	
<b>Zoho Corporation</b> <i>Member Technician Staff, Firewall Analyzer OnPremise</i>	Chennai, India April 2014 - July 2015
<ul style="list-style-type: none"><li>– Developed a core feature called Policy Optimization that is used to detect and report all the anomalies available in firewall policies</li></ul>	

- Developed another feature called Rule Reorder that is used to suggest the order in such a way firewall performs well
- *Both the core features wrote from the scratch in core Java in firewall analyzer - a firewall management tool.*

### **Zoho Corporation**

Chennai, India

*Project Intern, Firewall Analyzer OnPremise*

*Oct 2013 - March 2014*

- As a research work validated various firewall policy optimization techniques and came up with the best working solution
- *This proof of concept is written with core Java*

## **Projects**

### **TCE Enterprise Asset Management (TEAM)**

- *TCE Enterprise Asset Management (TEAM)*, is an Intranet portal for our college managing the asset details such as financial details, purchase details, payment details and etc.
- We are a group of four people developed this portal in python from scratch.
- We have saved *2 lakhs* for our college by this project

### **Implementation of client-side encryption in Cloud Environment**

- This project focuses on implementing the client-side encryption which is Homomorphic encryption for better client side confidentiality in private cloud computing environment.
- *This project was written in Java.*

## **Achievements/Activities**

- Got Gold Medal from Madurai District collector for getting score 95.2% in SSLC.
- Published a paper in 3rd International Conference on SEMCCO 2012 on the topic of Memetic Algorithm Based Task Scheduling Local Search in Odisha.
- Currently trying to be active on various Kaggle competitions

(Last updated on 17/12/2018)