

Education

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

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

- 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

Urls

Github url: <https://github.com/seenimohamed>

LinkedIn url: <https://www.linkedin.com/in/seeni-mohamed-b4a79441/>

(Last updated on 25/03/2019)