

# LIKITHA SEERAM

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• <https://likitha-seeram.github.io/Personal-Website/index.html>

## EDUCATION

**University of Texas Arlington** Arlington, TX, United States  
**Master of Science** in Computer Science GRADUATION: May 2018  
Majors: Databases, Artificial Intelligence **GPA: 4.0**

**Gandhi Institute of Technology and Management University** Visakhapatnam, A.P., India  
**Bachelor of Science** in Computer Science and Engineering GRADUATION: May 2014  
Majors: Computer Science **GPA: 8.76/10.0**

## INTERNSHIP

**Web Developer Intern** May 2017 – August 2017  
**Work Wear Safety Shoes** Fort Worth, Texas, US

- Developed an **end-to-end web application** for creating customer accounts ( <http://accounts.workwearboots.com/> )
- Application was built on PHP Laravel framework and hosted by using **Amazon Web Services** cloud platform
- Digitizing the process of taking down customer details has significantly reduced company's man hours

## PROFESSIONAL EXPERIENCE

**Systems Engineer** July 2014 – July 2016  
**Tata Consultancy Services** Bangalore, India

- Developed and tested a web-based 'Customer Care' application used by **DSG** (Dick's Sporting Goods) **client** built on Java spring, GWT (Google Web Toolkit) and IBM WCS platform following **Agile** methodology.
- Worked on Git version control system, Jira software, Splunk tool, ETL processes and Unit testing in the project.
- Maintained internal applications like Email, Messaging, Data transfer and Database systems for **Apple client**.
- Received '**Kudos**' and '**On the spot**' awards for my performance in training and project work.

## CORE COMPETENCIES

- Cloud Computing
- Database Management
- Big Data Management
- Object Oriented Programming
- Web design and Development
- Machine Learning

## PROJECTS

- Sentiment Analysis using Apache Spark**  
Tweets are collected from various locations basing on words iPhone, health, gym. Sentiments of these tweets are calculated using Stanford Corenlp library to identify the popularity of these words. Project was implemented on Scala.
- Database Design for Corporate Recruitment System**  
Developed a relational database for an online recruitment system using Oracle 11g. Designed EER Modelling using entities and relationships. Developed Relational Schema, DDL and DML scripts used to build the database.
- Multi-Client Server Chat System**  
Developed a server-client socket programming application in java, includes GUI, where clients can register to a server and request to start a private chat with another online client. Multiple connections are possible at a time.

## TECHNICAL SKILLS

- Programming Languages: C (good), C++ (good), Java (prior experience), Python (intermediate), Scala (good)
- Scripting: JavaScript (fluent), jQuery (fluent), AJAX (good), PHP (prior experience)
- Web Technologies: HTML5 (fluent), CSS3 (fluent), GWT (prior experience) , Bootstrap (fluent)
- Frameworks: Struts, Spring, MVC, CodeIgniter, Laravel, Flask
- Databases, Servers & platforms: MySQL, Oracle, XAMPP, Apache, Linux/ Unix, Mac OS, Windows, Comet (cloud)
- UX Technologies and tools: XML, JSP, JSON, REST API, Adobe Dreamweaver, Photoshop, Balsamiq
- Big Data Frameworks and tools: Hadoop Map-Reduce, Apache Spark, Hive, Pig
- Machine Learning Algorithms: Linear Regression, Naive Bayes Text Classification, K-Mseans Clustering
- Amazon Web Services: Elastic Beanstalk, Relational Database System, Simple Storage System, Route 53, EC2