Burlington, MA | (469)-929-4707 | [kanthikomar@gmail.com](mailto:kanthikomar@gmail.com) | linkedin.com/in/kanthikomar | github.com/kanthikomar

**EDUCATION**

**MS in Computer Science** | GPA: 3.67/4.0 Aug 2017 - Aug 2019

University of Texas at Arlington, Texas

* **Graduate Teaching Assistant**: Database Modelling and Design
  + Delivered in-class lectures and assisted 24 teams of 50 students in building DBMS model

**BS in Computer Science** | GPA 3.5/4.0 Aug 2012 - Jun 2016

Acharya Institute of Technology, Bengaluru, India

**WORK EXPERIENCE**

**Data Engineering Fellow, Insight Data Science** Jan 2019 – Apr 2019

(Python, Flask, MySQL, Spark, AWS, Linux)

* Developed a scalable and distributed plagiarism detection tool
* Batch processed 2TB of GitHub data using Apache Spark on AWS
* Built a responsive Flask web application to show plagiarism results

**Software Engineer in Test, Cognizant Technology Solutions** Jan 2017 - May 2017

(Java, Selenium, Unit Testing, Agile SCRUM)

* Built a Selenium test suite for end to end tests on a Java web application
* Incorporated missing unit tests on project modules improving code coverage
* Worked in an Agile environment and collaborated with team members to deliver the application.

**ACADEMIC PROJECTS**

**Data Driven Insight Generator – Thesis**  Jan 2018 – Aug 2019

(Python, Linux)

* Developed a tool to preprocess multi-featured raw data into multilayer graphs
* Developed a framework, with a naïve and efficient algorithm to achieve user’s analysis objectives
* Iteratively incorporated improvements to the algorithm for better performance through experiments

**Movie Trend Finder** Sep 2018 - Nov 2018

(Java, Map reduce)

* Used map-reduce framework to analyze how ratings influence the trends in movie genre

**Online Bidding System** Mar 2018 – Apr 2018

(Java, Servlets, JS, MySQL, REST API)

* Implemented scalable E-Commerce web application based on service-oriented architecture with RESTful Web Services using server-side development in Java.
* Built micro-services for features like Creating, Buying, Bidding on items and Shopping cart

**Bookstore Management System** Sep 2017 - Dec 2017

(Oracle, Modelling, Querying, JSP, Servlets, JDBC)

* Created database model by translating requirement specifications into schema
* Generated reports using SQL to perform dimensional analysis
* Developed a responsive GUI to enable smooth transactions

**Max Connect 4** Sep 2017 – Dec 2017

(Python)

* Developed an interactive game using Min-Max Alpha Beta Pruning Algorithm
* Constructed an evaluation function to reduce the time taken by the algorithm to make smart decisions.

**SKILLS**

Languages: Java, Python

Technologies: Flask, JSP, Servlets, Hibernate, Oracle, HTML5, CSS3, (JavaScript languages) and MySQL, Apache Spark, Selenium, AWS, Git