**SREENIVAS VENKITACHALAM**

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**EDUCATION**

**MS in Computer Science (Data Science Track)** May 2018

University of Texas at Dallas, Richardson, TX

**BTECH in Computer Science** GPA-3.54(7.71/10)

Mahatma Gandhi University, Kerala, India May 2015

**ACADEMIC PROJECTS**

**DNA Sequence Analyser**

Implemented sequence alignment algorithm for comparing two DNA Sequences with MapReduce using JAVA

* Developed database editor module which uses built in database functions to add and remove DNA strands in DNA database
* Developed sequence matcher module which implements sequence alignment algorithm for comparing DNA Sequences

**Personal Health Record System**

Designed a novel framework for secure sharing of personal health records using attribute based encryption(ABE) to encrypt data using ASP.NET as front end and SQL Server as back end

* Created and maintained Database for storage and modification of PHR files.
* Developed web pages for registration and login using ASP.NET and C#

**TRAININGS & EMPLOYMENT HISTORY**

**Professional training in ASP.NET and C# at Tata Consultancy Services** January 2016-March 2016

* Completed employment training at Tata Consultancy Services as topper of the batch
* Implemented Agile Methodologies and incorporated various web technologies for projects created as part of training program

**Project Intern at Cazablaze infosolutions, Cochin** June 2014–July 2014

**Underwent training program at Logic Systems** December 2013

**TECHNICAL SKILLS**

* **Languages:** JAVA, C, C++, C#, SQL, PL/SQL
* **Web:** ASP.NET,HTML,CSS
* **Databases:** Oracle, Microsoft SQL Server
* **Operating Systems**: UNIX, Windows

**ACTIVITIES**

* Attended five day workshop titled ‘Big Data Club’ organised by CS Outreach Program of University of Texas at Dallas
* Conducted a seminar on ‘Bwasw-Cloud’, a sequence alignment algorithm for two Big data with MapReduce