

## SANKARALINGAM C

Kazukappulikkadu  
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### OBJECTIVE

Seeking assignments to work in a creative and challenging environment using cutting edge technologies where I can constantly learn and improve my technical and analytical abilities.

### SYNOPSIS

- ☞ Keen interest in Software Development and Web Development and possesses a proficiency in Java.
- ☞ Having **3.5 Years** of experience in Core Java.

### ACADEMIC QUALIFICATIONS

Qualification	University	Year of Completion	Percentage
MCA	Bharathiar University, Coimbatore-46	May 2015	68.2
B.Sc. (Computer Science )	Khadir Mohaideen College Adirampattinam.	May 2011	72.5
HSC	Govt Boys Hr.Sc. School, Pattukkottai.	April 2008	71.2
SSLC	Govt High School, Kazhuguppulikkadu.	April 2006	72.4

## SKILLS SET

### Technical

- ☞ Java Skills: JAVA, Python (basics), Perl (basics), Angular, Node js.
- ☞ Web Technologies: HTML, JSP (basics)
- ☞ Web Server: Tomcat 5.0.x
- ☞ RDBMS: MySQL 5.0
- ☞ Operating Systems: MS Windows XP / 2000, LINUX.
- ☞ IDE: NetBeans IDE, MySQL Query Browser, Visual Studio Code

### Functional

- ☞ Designing and developing the application.
- ☞ Adhering to best practices for project support and documentation.

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## Work Experience

- ☞ **Research Assistance at Amrita University, Center for Computational Engineering and Networking (CEN) Coimbatore.** (from May 2016 to Mar 2018)
- ☞ **Programmer at Tamil Virtual Academy, Chennai.** (from Aug 2018 to June 2019)
- ☞ **Java Developer at Gibraltar Technology, Chennai.** (from June 2019)

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## Project Summary

### Project I:

**Client:** Tamil Virtual Academy

**Project Name:** English to Tamil Machine Translation

**Project Description:** To develop the tool English to Tamil Machine Translation, for Teaching and learning for Tamil language. This is rule based Machine Translation System consist of collection of rules called grammar rules, lexicon and software to process the rules. It is maintainable. Rules are written with linguistic knowledge gathered from linguistic.

**Team Size** : 5

**Profile** : Team Member (Programming) & Client interaction

**Technologies** : JAVA (Core), NetBeans, and MySQL 5.0

### **Project II:**

**Client:** Tamil Virtual Academy

**Project Name:** English to Tamil Dictionary

**Project Description:** To develop the tool English to Tamil Dictionary, for Teaching and learning for Tamil language, this gives the information about the English to Tamil word.

**Team Size** : 5

**Profile** : Team Member (Programming) & Client interaction

**Technologies** : JAVA (Core), NetBeans, and MySQL 5.0

### **Project III:**

**Client:** Tamil Virtual Academy

**Project Name:** Onto-Thesaurus for Tamil language

**Project Description:** To develop the tool Ontology, for Teaching and learning for Tamil language this gives the information about the concepts and relationships that can exist for a word or a community of word. The chain of related words, multi layers help to find the root word, and related words easily which is useful in learning a language. It improves the vocabulary strength.

**Team Size** : 5

**Profile** : Team Member (Programming) & Client interaction

**Technologies** : JAVA (Core), NetBeans, and MySQL 5.0

### **Project IV:**

**Client:** Tamil Virtual Academy

**Project Name:** Noun Declension

**Project Description:** To develop the tool Noun Declension, for Teaching and learning for Tamil language. This helps in knowing various forms of a noun, pronoun or adjective which gives its grammatical case, number, and gender. It gives the clear picture of noun variation. It helps the pupil in learning various noun case markers.

**Team Size** : 5

**Profile** : Team Member (Programming) & Client interaction

**Technologies** : JAVA (Core), NetBeans.

### **Project V:**

**Client:** Tamil Virtual Academy

**Project Name:** Verb Conjugation

**Project Description:** To develop the tool Verb Conjugator, for Teaching and learning for Tamil language. It gives the different tense, person identification to a verb which helps the pupil to know the various modification of the verb. Students are able to get the knowledge of the structure of Tamil verb as the structure of the verb is different to each language.

**Team Size** : 5

**Profile** : Team Member (Programming) & Client interaction

**Technologies** : JAVA (Core), NetBeans.

### **Project VI:**

**Client:** Tamil Virtual Academy

**Project Name:** Morphology Generator

**Project Description:** To develop the tool Morphology Generator, for Teaching and learning for Tamil language. It gives the different tense, person identification to a verb which helps the pupil to know the various modification of the verb. Students are able to get the knowledge of the structure of Tamil verb as the structure of the verb is different to each language. Also it provides the different inflections of a noun.

**Team Size** : 5

**Profile** : Team Member (Programming) & Client interaction

**Technologies** : JAVA (Core), NetBeans.

### **Project VII:**

**Client:** Tamil Virtual Academy

**Project Name:** Visual Thesaurus

**Project Description:** To develop the tool Visual Thesaurus, for Teaching and learning for Tamil language. It provides lots of related words to the entered word visually which helps to grasp the synonyms, antonyms or related words to a word with attractive visualization. The visualization of so many words helps to build the vocabulary.

**Team Size** : 5

**Profile** : Team Member (Programming) & Client interaction

**Technologies** : JAVA (Core), NetBeans.

### **Project VIII:**

**Project Name:** Sentence Pattern

**Project Description:** A sentence pattern is an arrangement of words. This arrangement needs to be in a grammatically correct structure. It means the placement of verbs and nouns should be correct to form a meaningful sentence. Apart from that, there are punctuations which play an important role in making a sentence readable and understandable.

**Team Size** : 5

**Profile** : Team Member (Programming) & Client interaction

**Technologies** : JAVA (Core), NetBeans.

### **Project IX:**

**Client:** Qatar Insurance Company

**Project Name:** Video Calling and Co-Browsing

**Project Description:** A visual communication between two people. Co-browsing is most commonly used in customer service scenarios. Also known as co-browsing or collaborative browsing, a typical co-browsing use case is to enable one person (a contact center agent) to join a user (a website visitor or customer) on an existing website session to see, understand and solve problems.

**Team Size** : 5

**Profile** : Team Member (Programming) & Client interaction

**Technologies** : Angular, Node JS, Visual Studio Code

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## **CONFERENCE AND WORKSHOP**

Attended workshop on Machine Translation in Indian Languages (MTIL) at Amrita Vishwa Vidyapeetham, Coimbatore. (09/2017)

Presented paper on 'Onto-Thesaurus for Tamil language: Ontology based Intelligent System for Information Retrieval' for ICCACI2017 conference at Manipal University. (08/2017)

## **PRESENTATIONS, PROCEEDINGS, AND PAPERS**

Onto-Thesaurus for Tamil language: Ontology based Intelligent System for Information Retrieval.

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## PERSONAL DETAILS

**Date of birth** : 06.04.1990  
**Nationality** : Indian  
**Religion** : Hindu  
**Mother tongue** : Tamil  
**Marital status** : Unmarried  
**Known language** : Tamil, English

## DECLARATION:

I hereby declare that the above statements are true and complete to the best of my knowledge and belief.

Date:

Place:

**Sankaralingam C**