

Thejiya V

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Result-oriented and motivated professional with expertise in career development, education strategy and human resource development. Compassionate, creative and effective Teacher with valuable experience in classroom administration, professional development and project planning. Equipped with extensive background in versatile education environments. Student-centric instructor, academic facilitator and motivational coach. Well-versed in classroom and online technologies.



Skills

- Testing and grading 
- Classroom management 
- Student records management 
- Curriculum design 
- Lesson Planning 
- Student counseling 
- Classroom technology 
- SMART Board aptitude 
- Student engagement 
- Artificial Intelligence 
- Machine Learning 
- Computer Programming 



Work History

- **Teacher**
Vagdevi Vilas School, Bangalore

- Responsible for teaching Computer Science from Class 4 to class 8 students.
- Responsible for making sitting plans; Formatting and Printing of papers; Result compilation.
- Responsible for maintenance of Soft copy of students' records.

2021-01 -Present

2015-11 - 2016-09

- Preparing practical as well as theoretical assignments for the students.
- Preparing lesson plan, question papers, log book etc.. for classes 4 to 8.
- Preparing Teaching Aids for all the classes.

Teacher

Prarthana Central School, Bangalore

- Responsible for teaching Computer Science to Class 5 students.
- Preparing presentations on various curriculum topics.
- Giving presentations on Smart Board for computer related topics.
- Preparing practical as well as theoretical assignments for the students.
- Inspiring the students to learn new things and shaping their future according to their interest.
- Arranging meetings with parents and discussing the development of children.

2015-05 - 2015-09

Teacher

Srinidhi Public School, Bangalore

- Designing of General Science course curriculums of Classes 5 to 8 for students to ensure their success.
- Inspiring the students to learn new things and shaping their future according to their interest.
- Interacting with each student and helping them solve their problems.
- Teaching students with Visual aids for better understanding.
- Carrying out regular assessment of student performance, assessing and reporting on subject strengths and areas for development at different stages.
- Arranging meetings with parents and discussing the development of children.

2013-01 - 2013-12

Research Student

Amrita Vishwa Vidyapeetham, Coimbatore, Tamil Nadu

Projects

Trust-based Solution for Mobile Adhoc Networks

- This trust model is designed over Adhoc on-demand Distance Vector Routing Protocol.

- It can perform trusted route discovery for each packet and generate trust value for each node.
- Based on that, the routing information will be transmitted to highest trust valued node.
- This method for Mobile Adhoc networks can significantly enhance network throughput as well as provide secured routing.
- This Project was implemented in a Network Simulator called Ns2.

Multi-Node Cluster Formation in Hadoop

- This project focused on setting up a distributed, multi-node Apache Hadoop cluster backed by the HDFS (Hadoop Distributed File System) in Ubuntu-Linux.
- HDFS is a highly fault-tolerant distributed file system designed to be deployed on low-cost hardware.
- This configuration can be used to create low cost private clouds on open source platforms.
- This project was implemented using Hadoop 2.2.0, Ubuntu-Linux, HDFS.

International Publications

Case Study on Evolution of Wireless Technologies - International Journal of Advanced Research in Computer Science and Software Engineering. Volume 4, Issue 2, February 2014

Trust Based Solution for Mobile Adhoc Networks - International Journal of Advanced Research in Computer Science and Software Engineering. Volume 4, Issue 5, May 2014

Workshops

- Workshop on **Programming in SCRATCH with Arduino** in International Conference on Women in Computing, Amrita Vishwa Vidyapeetham, Coimbatore
- Workshop on **Hadoop** at Amrita Vishwa Vidyapeetham, Coimbatore

2011-01 - 2012-04

Undergraduate Student Researcher

Amrita Vishwa Vidyapeetham, Kollam, Kerala

Projects

Rumor Riding: Anonymizing unstructured peer-to-peer system

- The proposed Rumor riding, a light weight and non-path based protocol has random walk mechanism and it has lower overhead by mainly using symmetric cryptographic algorithm.
- The main objective of the proposed system is to provide effective data transmission with sufficient security.
- This software application was implemented using Microsoft Visual Studio.net and SQL.

Online Ticket Reservation System

- Developed a generic platform for ticket reservation system for Bus/Airways/Train.
- The primary objective was the hands-on study and development of Use-Case diagrams-Class diagram, Sequence Diagram, Activity diagram, Data flow diagram and ER diagrams.

Online Bus ticket Booking

- Developed upon the generic platform for online ticket reservation, it was implemented for bus ticket booking using JSP and HTML technologies.

Education

•B-ed in Computer Science and Maths

Master of Technology: Computer Science And Engineering

Amrita Vishwa Vidyapeetham - Coimbatore, Tamil Nadu

- Coursework in **Mathematics, Machine Learning and Big Data**
- Ranked among the **top 5 students** in M Tech, in overall Academic Performance
- Received the **Perfect Attendance Award**, January 2013, during M Tech
- Awarded the **Best Student Representative**, May 2014, during M Tech
- **Published multiple papers** in the journal "International Journal of Advanced Research in Computer Science and Software Engineering"
- **Best Poster Award**, July 2014 in CSE Department during M Tech course

Bachelor of Technology: Computer Science And Engineering

Amrita Vishwa Vidya Peetham - Kollam

- Coursework in **Mathematics, Physics, Chemistry, Computer Programming, Artificial Intelligence and Electronics**

Software

Microsoft Office Suite



Scratch Programming



C/C++ Programming



Microsoft .Net Programming



HTML/XML



Java Programming



Apache Hadoop



Languages

English



Malayalam



Hindi

Tamil

Kannada



Extracurricular Activities

- Active participant at Amala Bharatham Cleanup Drive organized by Mata Amritanandamayi Math.
- Volunteer at Mata Amritanandamayi Math
- Set up a food stall for Charity during college cultural festival as part of Students Social Responsibility Project.
- Active group participation through peer tutoring among batch mates and junior college mates.
- Active participant in drama, tableau and mime throughout school and college.
- Core Committee Member for multiple technical and cultural events held during M Tech.
- Served as a Student Mentor for the CSE Department First Year M Tech Students – Guided them in academics and college environment