BioData

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Date of Joining in the Institution	**:** 01-11-2021

Academic Qualification

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
MTech	AU College of engineering	First	2020
M.C.A	Andhra University	First	2006
B.sc	Andhra University	Second	2001
Intermediate	Board of intermediate	First	1998
Xth Class	SSC	First	1996

Experience Summary:

Period		Organization/institutions/Industry	Designation
1stNovember 2022	Till Date	Aditya Institute of Technology	Assitant Professor
2nd Dec 2020	31stoct	Kakinada Aditya Degree College	Lecturer
15th April 2016	16 th Dec 2016	Worked as a senior Java Trainer	PC Technology Pvt Ltd
20 th Dec 2016	24 th Aug 2018	Worked as a Teaching Assitant /AssitantProfessor	Sri Sivani college of Engineering
15thNov 2011	24 th April 2016	Worked Senior Programmer	Anits College of Engineering
4th April 2009	20thDec 2010	Worked as a CRO	Optimus Global Solutions (part of Polaris)
May 11 th2008	March 2009	Worked as Assistant Professor in IT in SISTAM College of Engineering	SISTAM
2007 April	May 2008	Worked as a Lecturer	Gayathri college of Science and mgt.

Area Of Interest:

1. Computer Networks
2. Web Technology
3. Database Management Systems
4. IOT
5. MANETS
6. AWS
7. Artificial Intelligence and Machine Learning
8. Cyber Security
9. Programming with Problem Solving
10. Object Oriented Programming Language
11. Network Security
12. Neural networks

Details of Paper Publications:

Detect and Prevent the Selective Drop Attacks in WANET's Using Resistive To Selective Drop Attack (RSDA) Scheme", International Journal of Emerging Technologies and Innovative Research (www.jetir.org | UGC and issn Approved), ISSN:2349-5162, Vol.7, Issue 12, page no. pp105-114,December-2020, Available at: http://www.jetir.org/papers/JETIR2012018.pdf

Details of Conferences / Workshops / Refresher Courses:

Sno	Dates	Name of the programme	Host institution
1	2016	Semco Femco	International conference held in Anits college of Engineering
2	2015	Robotic workshop	Anits College of engineering
3	2014	Eswecha Technical Programme	Anits College of Engineering
4	2016	Andriod Mobile Application development	Sri Sivani College of engineering APSSDC, Government of Andhra Pradesh
5	2021	Demonstrated RProgramming for data analytics	Kakinada aditya degree college online lectures Srikakulam
6	2010	Asp.net crash certified course	Peers Technologies
7	2013	IBM DB2 Technical Program	IBM in Anits College of Engineering

8	Jan 8th - July 2022	AWS certified course	Simplilearn

1. Got Runner up and winner cup in cricket from 2 two continuous years with certificate   of award from ANITS college of engineering

2.ASP.NET course complete certificate from peers technologies Hyderabad

Technical Skills:

♦ Operating Systems   - Windows XP
♦ Languages   - Java,python,Rlangauge,.NET,C,C++
♦ J2EE Technologies   - Servlets, JSP
♦ ORM   - Hibernate3.0
♦ CLOUDCOMPUTING   -AWS
♦ BIGDATA   -HADOOP,HIVE
♦ Published paper   - Detect and Prevent the Selective Drop Attacks in WANET's Using Resistive To Selective Drop Attack (RSDA) Scheme (https://www.jetir.org/view?paper=JETIR2012018)
♦ Frameworks   - Struts1.3
♦ Web/Application Servers   - Tomcat5.5,JBoss5.5
♦ IDE   - Eclipse3.4, MyEclipse7.0
♦ Database   - Oracle 10g
♦ Internet Technologies   - HTML, Java Script, Jquery,Bootstrap,
♦ Version Control Software   - SVN, IBM Rational-Clear Case

Project 1:

➢ Operating system   :   Windows 7.

➢ Coding Language   :   JAVA/J2SE

➢ Tool   :   Netbeans 7.2.1

➢ Database   :   MYSQL

➢ Front End   :   Java Swings,AWT

➢ Programming : Socket Programming and Network Package

Project Description

Performance and Security are two critical functions of Wireless Ad-Hoc Networks (WANETs). Since there is no centralized network management in WANETs, these networks are susceptible to packet drop attacks. In selective drop attack, the neighboring nodes are not loyal in forwarding the messages to the next node. It is critical that the illegitimate node must be identified, which overload the host node and isolate them from the network by holding its transmission process. In this paper, we present a Resistive to Selective Drop Attack (RSDA) scheme to provide effective security against selective drop attack. Alight weight RSDA protocol is proposed for detecting malicious nodes in the network under particular drop.

Role Description:

➢ Involved in development of various modules in the project

➢ Develop the GUI in AWT and swings in java

➢ Applied networking socket programming

➢ Works with queries in mysql for datastorage

➢ Implemented the concepts of WANETS for node detecting and failures applied the RSDA protocol for detecting the malicious node in the network

Project2:

➢ Operating system : Windows 7/10

➢ Coding Language : Python

> Project Name : Cats vs Dogs Classification (with 98.7% Accuracy) using CNN Keras – Deep Learning Project

Project Description

Cats vs Dogs classification is a fundamental Deep Learning project for beginners. If you want to start your Deep Learning Journey with Python Keras, you must work on this elementary project. In this Keras project, we will discover how to build and train a convolution neural network for classifying images of Cats and Dogs. **The Asirra (Dogs VS Cats) dataset:** The Asirra (animal species image recognition for restricting access) dataset was introduced in 2013 for a machine learning competition. The dataset includes 25,000 images with equal numbers of labels for cats and dogs.

Project3:

> Operating system : Windows 7/10

> Coding Language : Python

> Project Name : Face Recognition with Python & OpenCV

Project Description

Identify and recognize a person in the live real-time video.
In this deep learning project, we will learn how to recognize the human faces in live video with Python. We will build this project using python dlib's facial recognition network. Dlib is a general-purpose software library. Using dlib toolkit, we can make real-world machine learning applications. In this project, we will first understand the working of face recognizer. Then we will build face recognition with Python. We will build this python project in two parts. We will build two different python files for these two parts: **embedding.py:** In this step, we will take images of the person as input. We will make the face embeddings of these images.**recognition.py:** Now, we will recognize that particular person from the camera frame

Project4:

Project Name : Opentracker Site Analyzer

Client : www.opentracker.com

Role : Developer

Organization	:	Trignos
Languages	:	Java
Database	:	Oracle8i
Web Server	:	Tomact 8.0
Technologies	:	Servlets,JSP, Java Beans and Struts **1**

Project Description

Site Analyzers is website analysis application .this application checks a website status, availability, response time, this application provides reporting, scheduling on website status. this application scrolls through the website and gives a report of broken links .list of all unused images, unused pages, and checks for W3C standards

Role Description:

- ➢ Involved in development of various modules in the project

- ➢ Involved in development of server-side component

Project 5:

Project Title	:	Consult Genie Portal
Client	:	BT (British Telecom)
Technologies	:	Core Java, JSP
Frameworks	:	Struts1.2, Hibernate3.0
Application Server	:	Tomcat 6.0
Team size	:	15

Project Description:

BT Business Online Account Overview (OAO) to be hosted on BT.com. The OAO is a landing page that collects information about the customer from a number of common capabilities and presents an account summary in a timely fashion. The OAO covered under this design is intended for use by logged-in BT Business customers.

Contribution:

As a team member was responsible for

- UI Coding.

- JUnit for Unit Testing

- Worked on Hibernate related code.

- Coding using the Struts Validator frame work

- Design and Development.

- Use Display Tag for Displaying Data

Signature

(K.NarayanaRao)