**CURRICULUM VITAE**



**Dr. LAKSHMAN SINGH,**

**MCA, M. Tech CSE, PhD CSE**

**Senior Assistant Professor**

**Department of CSE / Application**

**NIET Autonomous institute Greater Noida**

**Contact No: +91- 9005229893**

**E-Mail** [**– lkshmanji@gmail.com , drlakshmanji@gmail.com,**](mailto:–%20lkshmanji@gmail.com%20,%20%20drlakshmanji@gmail.com,%20)

**ORCID ID**

[https://orcid.org/0000-0002-8839-845X](https://orcid.org/0000-0002-8839-845X?lang=en)**.**

**Social media platform**

[**https://www.facebook.com/JAVABYLAKSHMAN/**](https://www.facebook.com/JAVABYLAKSHMAN/)

**Google scholar**

<https://scholar.google.com/citations?user=crjgkHUAAAAJ&hl=en>

# CAREER OBJECTIVE

To excel in Teaching Profession through Continuous Learning, Effective Knowledge Dissemination, Applied Research and Organizing Training Programmers to Academic and Industrial Community

# Professional Experience

***Experience: 8 Years 2 Months***

I **having 8 plus years** hands on Experience software industry as well as academic as **Java Full Stack Developer Trainer**, java Oracle DB-SQL/Mongo DB web Technology-html css js , Reactjs,J2SE, J2EE, Spring MVC, spring boot and Hibernate.JPA2 Restful Web Services Micro services and java coding ,Java Design Patterns,

# JAVA FULL STACK TRAINER

**Java Programming** - J2SE, J2EE, OOPS concepts, access modifiers, Methods, Constructors. Abstraction Exception Handling, File Handling, Multi-Threading, Collections (Lists, Sets, Maps, Array). Java 8, 9 features Concurrency API

**SKILLS SET**

Technical Skills: Spring MVC/Hiberanat/RestFull Webservice

* Operating Systems :- WINDOWS, UNIX
* Languages :- JAVA 8
* **J2EE Technologies :-** Servlets , JSP,, JDBC,
* Frameworks :- Spring , Spring boot
* ORM Frameworks :- Hibernate ,JPA2
* Web Designing Tools :- HTML, CSS, java Script ,bootstrap, jsf
* Web Service :- XML -DTD vs XSD JAX-B JAX-RS / Jersey
* **Web / App Servers :** - Apache Tomcat, Web logic. Jetty server
* Java Desktop Editor :- Visual Studio Code, EditPlus
* Java IDE /Tools **:**- Eclipse, and STS, Maven
* **Database :** - Oracle,Mysql, Oracle JDeveloper,Mysql-Workbench
* Other Tools :- Junit, Jira Tool,Git,,SVN,Log4J, Maven, Postman, PMS
* Software development Methodologies :- **Agile scrum methodology**
* Technical Skills: Spring boot /Spring Data JPA2/ restful Api
* Microservices Frameworks :- Spring Boot, Jersey Frameworks
* **Web / App Servers :** - Apache Tomcat. Jetty server, Eureka server
* Web Design framework :- Angular7, Angular material , Bootstrap
* **Integration tools :- Jenkins**
* **Database :** - Oracle ,Mysql
* ORM Frameworks :- Spring Data JPA
* Web Service :- **restful api** , **jackson Api ,Jersey**,JaxB Api
* spring boot configuration File :- **application.properties, application.yml**
* Other Tools :- Junit, Mockito Jira Tool,Git,,SVN,log4j2, Maven, Postman,
* Deploy Application container :- **Docker, Docker Hub**

**Teaching and Research Experience**

***Present Position***

* Currently working as **Senior Assistant Professor** in Department **Computer Science and Engineering/ Application at** **Institute of Engineering and Technology - [NIET],** at **Noida Greater Noida Autonomous Engineering colleges** (Affiliated to Dr. A.P.J. Abdul Kalam Technical University Lucknow) Uttar Pradesh from **15 September 2022 - to –Till Date URL-** [**https://www.niet.co.in/**](https://www.niet.co.in/)
* Working as Assistant professor in Department of Computer Science & Engineering / Application at **IISE Group of Institutions Lucknow** (Affiliated to Dr. A.P.J. A bdul Kalam Technical University Lucknow) Uttar Pradesh from 22 **Aug** 2020  **-to 27 Aug 2022 ,** UR- <https://iiseindia.com/>

***Industrial Experience: -***

* Working as a **Senior Java Developer** with **BOTREE SOFTWARE INTERNATIONAL PVT LTD,** **Chennai 25 Jun** -**2019 -**to – 17 AUG- 2020 Current which Provides the Best Environment for innovation and Business Growth. URL- <https://botreesoftware.com/>
* Working as a java **Software Engineer** with **Vengai Software Solutions Pvt Ltd,** **Hyderabad 12** February-**2015 - 26-April,-2019** - Current which Provides The Best Environment for innovation and Business Growth. URL – <http://vgsoft.com/>

# DOCTORAL STUDIES

* **Ph.D. 2017-2023 July in** Computer Science and Engineering Sarvepalli Radhakrishnan University, Bhopal
* ***AREA OF RESEARCH:*** “ROBUST DIGITAL WATERMARKING TECHNIQUES FOR PROTECTING COPYRIGHT”

Research Interests

* Monolithic vs. Micro services Architecture using java technology
* artificial intelligence
* image processing
* data storage in hybrid mode in cloud in storage architecture
* Distributed Computing
* ROBUST DIGITAL WATERMARKING TECHNIQUES

# *PROFESSIONAL QUALIFICATION*

|  |  |
| --- | --- |
| Ph.D.-CSE | 2017 to 2023 Computer Science and Engineering SARVEPALLI RADHAKRISHNAN UNIVERSITY BHOPAL, |
| M.Tech.-CSE | 2015 to 2017 Computer Science and Engineering , BIET Lucknow (Affiliated to Dr. A.P.J. Abdul Kalam Technical University Lucknow ) |
| PG-Diploma | video production 2015 from Makhanlal Chaturvedi Rashtriya Patrakarita Vishwavidyalaya Bhopal MP |
| MCA | 2014 Master Of Computer Application ,IEC COLLEGE OF ENGINEERING AND TECHNOLOGY ECH. GREATER NOIDA (Affiliated to Dr. A.P.J. Abdul Kalam Technical University Lucknow ) |
| B.C.A | 2010 from Makhanlal Chaturvedi Rashtriya Patrakarita Vishwavidyalaya Bhopal MP |
| 12th | Passed from U.P Board (2006) |
| 10th | Passed from U. P Board (2004) |

# Training and Workshop

* **Workshop 15 Days on Java technology MCA Department NIET Greater Noida October 2022**
* **Java training Department BTech CSE NIET Greater Noida FEB 2023**
* **Java training Department MCA-INT NIET Greater Noida MARCH 2023**
* **Workshop on oops -Object-oriented programming in Department 2023**

# SEMINAR

* **Java programming Language** in March 2015 “oracle corporation” **DURGA SOFTWARE SOLUTIONS** Hyderabad,
* **Oracle database** seminar in March 2015 “Oracle corporation” **DURGA SOFTWARE SOLUTIONS** Hyderabad
* **UI Technologies** - seminar in April-2015 HTML CSS, Bootstrap JavaScript, Angular 8, React JS, Domain Registration with web hosting **Naresh i Technologies** Hyderabad
* [**4G Wireless Technology**](http://pediain.com/seminar/Advancements-Towards-4G-Wireless-Technology.php)seminar in October 2019 “HCL ” Chennai

***Membership in Professional Bodies:***

* Life Member of Indian Society of Technical Education
* Life Member of Indian Society of Systems for Science & Engineering

# RESPONSBILITIES

* Coordinator Departmental Examination Cell.
* Member Board of Studies.
* Class Coordinators and mentor
* Profound knowledge of the subject areas and ability to teach students by using various methods
* Time to Time assignments Syllabus Planning and Design
* Class coordinator
* Feedback of Students
* Question paper design
* project guide
* presentation preparation for the lecture notes and guidelines

# SUBJECT TAUGHT

* **Java Programming**- OOPS, access modifiers, Exception Handling multithreading,
* **DBMS**- [Data Models in DBMS](http://beginnersbook.com/2015/04/data-models-in-dbms/), [Normalization in SQL](http://beginnersbook.com/2015/05/normalization-in-dbms/) (DDL DML DRL TQL JOIN )
* **Web design (Web Technology)-** HTML CSS, Bootstrap JavaScript
* **PHP**: MySQL Database
* **Design Patterns** in Java
* **Operating system**
* **Digital electronics**
* **computer system organization**
* **Software Engineering**

# PERSONAL PROFILE

## NAME : Dr. LAKSHMAN JI

## Father Name : HEERA LAL (HEAD MASTER)

## Date of Birth : 18 JUL-1991

## Marital Status : Married

## Nationality : Indian

## Languages : English and Hindi.

* Address : Kanpur

# PUBLICATIONS:

1- (**Lakshman Jia, Dr. M.Sivak Kumar**) **Robust Digital Watermarking Techniques for Protecting Copyright** IT in Industry, Vol. 9, No.1, 2021, Published Online 18-Mar-2021 ISSN (Print): 2204-0595, ISSN (Online): 2203-1731 ,DOI:https://doi.org/10.17762/itii.v9i1.279

URL-(<http://www.it-in-industry.org/index.php/itii/article/view/279>)

Emerging Sources Citation Index (ESCI), Web of Science citation index

**2-** (**Lakshman Jia, Dr. M.Sivak Kumarb**) **Design and Implementation of Robust Digital Watermarking using Hybrid technique for Copyright Protection Digital data**

Turkish Journal of Computer and Mathematics Education Vol.12 No.3(2021),

page no -4839-4845 , E ISSN: 1309-4653

URL- (https://turcomat.org/index.php/turkbilmat/article/view/1988/1721 )

**Scopus indexed -(** [**https://www.scopus.com/sourceid/21100902608**](https://www.scopus.com/sourceid/21100902608) **)**

3- (**Lakshman Jia, Dr. M.Sivak Kumarb**) **Robust Digital Watermarking Techniques for protecting copyright Applied to Digital Data: A Survey**

Turkish Journal of Computer and Mathematics Education Vol.12 No.3(2021), 3819-3825

page no - 3819-3825, (E-ISSN:1309-4653)

URL- (https://turcomat.org/index.php/turkbilmat/article/view/1669/1415)

**Scopus indexed -(** [**https://www.scopus.com/sourceid/21100902608**](https://www.scopus.com/sourceid/21100902608) **)**

4 - ( **Lakshman Ji, Dr. M.Sivak Kumar, Dr. Varsha Namdeo**) **Copyright Protection in Insecure Communication Channels Using a Robust Digital Picture Watermark**

Design Engineering Issue: 8 Pages: 3614-3628, (E-ISSN: 0011-9342)| Year 2021 DOI:10.17762/TURCOMAT.V12I3.1988

URL<http://www.thedesignengineering.com/index.php/DE/article/view/5308?fbclid=IwAR2wNQcHyDUVybJb2pH8wq-LBCf1UrSF_1awRmQyJbyTi5rI1ht8IZbQGdU> )

**Scopus indexed - ( <https://www.scopus.com/sourceid/28687> )**

**5- “Relative Analysis of Indiscernible Text Digital Watermarking “**

Lakshman ji - International Journal of Computer Science Trends and Technology (IJCST) Volume 5 Issue 3, May – Jun 2017 Page-47-51, ISSN : 2347 - 8578,

DOI : 10.33144/23478578

URL- <https://www.ijcstjournal.org/volume-5/issue-3/IJCST-V5I3P11.pdf>

( <http://www.ijcstjournal.org/> )

7- **" A Comprehensive Analysis of the Literature on the "Traditional" Monolithic Approach and Micro Services Architecture** “Lakshman Ji , Alka Singh ,Ambrish Kumar Sharma ,Apoorva Joshi , C.S Yadav | | NOVEMBER 2022 | VOLUME 20 | ISSUE 15 | PAGE 7695-7699| **ISSN:1303-5150** Lakshman Ji et al/ A Comprehensive Analysis of the Literature on the "Traditional" Monolithic Approach and Micro Services Architecture DOI: 10.14704/NQ.2022.20.15.NQ88760 NeuroQuantology2022;20 (15): 7695-7699, ISSN:1303-5150

URL (<https://www.neuroquantology.com/article.php?id=13041>

<https://www.neuroquantology.com/open-access/A+Comprehensive+Analysis+of+the+Literature+on+the+%2522Traditional%2522+Monolithic+Approach+and+Micro+Services+Architecture_12423/>

**Scopus Link** https://www.scopus.com/sourceid/11600154151

8- “EFFECTIVE DIGITAL IMAGE WATER MARKING SYSTEM FOR COPYRIGHT PROTECTION “ Lakshman Ji , Alka Singh ,Ambrish Kumar Sharma ,Apoorva Joshi , C.S Yadav NeuroQuantology| | NeuroQuantology| | NOVEMBER 2022 | VOLUME 20 | ISSUE 15 | PAGE 7700-7708| **ISSN:1303-5150** Lakshman Ji et al/ EFFECTIVE DIGITAL IMAGE WATER MARKING SYSTEM FOR COPYRIGHT PROTECTION DOI Number: 10.14704/NQ.2022.20.15.NQ88761 ,NeuroQuantology2022;20(15): 7700-7708

URL (<https://www.neuroquantology.com/article.php?id=13042>)

<https://www.neuroquantology.com/open-access/EFFECTIVE+DIGITAL+IMAGE+WATER+MARKING+SYSTEM+FOR+COPYRIGHT+PROTECTION_12424/>

**Scopus Link** https://www.scopus.com/sourceid/11600154151

**scholar.google.com**

<https://scholar.google.com/citations?hl=en&user=crjgkHUAAAAJ&view_op=list_works&gmla=ABEO0YqHfuEnZhRN65EzUb8MYoHqTiWonu2dUE1L-VTWgig5hDi9ZaJrZzwAa2evCsATGWkzrhfKlFmDE68AGGRm>

# INTERESTS AND HOBBIES

Have an inclination on Traveling and like to make friends, listening to music and Reading

*I hereby declare that the above-furnished information is true to the best of my knowledge.*

# Date:

**Place: GREATER NOIDA (Dr Lakshman ji)**