

CURRICULUM VITAE

Dr. LAKSHMAN SINGH
PhD CSE, M. Tech CSE ,MCA
Senior Assistant Professor

Department of CS/CSE

NIET Autonomous institute Greater Noida

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ORCID ID

<https://orcid.org/0000-0002-8839-845X>.

Social media platform

<https://www.facebook.com/JAVABYLAKSHMAN/>

Google scholar

<https://scholar.google.com/citations?user=crjgkHUAAAJ&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

Total Experience: 9 years, 6 months

I having 9 plus years hands on Experience software industry as well as Academic and Research as Training Java Full Stack Trainer, and Workshop mod class Attending and industrial project Development 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,

Teaching and Research Experience

Present Position 7.2 years

- Currently working as **Senior Assistant Professor** in Department **Computer Science and Engineering/ Application at Noida Institute of Engineering and Technology [NIET]**, at **Greater Noida its Autonomous Engineering College** (Affiliated to Dr. A.P.J. Abdul Kalam Technical University Lucknow) Uttar Pradesh from **15-Sep-2022-to –Till Date** URL- <https://www.niet.co.in/>
- Working as Assistant professor in Department of **Computer Science / Computer Application** at **IISE Group of Institutions Lucknow** (Affiliated to Dr. A.P.J. A bdul Kalam Technical University Lucknow) Uttar Pradesh from **24-NOV-2016 -to 12-September -2022** , UR- <https://iiseindia.com/>

Industrial Experience: -2.3 years

- Working as a java **Software Engineer** with **Vengai Software Solutions Pvt Ltd, Hyderabad** **23-April-2015 - 20-NOV,-2016** - Current which Provides The Best Environment for innovation and Business Growth. URL – <http://vgsoft.com/>
- Working as a **Associate software Engineer** with **BOTREE SOFTWARE INTERNATIONAL PVT LTD, Chennai** **3- Aug -2014 -to – 19-April-2015** Current which Provides the Best Environment for innovation and Business Growth. URL- <https://botreesoftware.com/>

DOCTORAL STUDIES

- **Ph.D.** 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	Computer Science and Engineering Sarvepalli Radhakrishnan University Bhopal
M.Tech.-CSE	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)

Coursera Courses with Certificate

1. Introduction to Java
<https://coursera.org/share/b0fca90393beb56274ad6fbc1484c24a>
2. Fundamentals of Java Programming
<https://coursera.org/share/54ab1eecf28750ea410df0f1b1351077>
3. Introduction to Object-Oriented Programming with Java
<https://coursera.org/share/648cc49843ca32941960c54513434516>
4. Oracle Database Foundations
<https://coursera.org/share/9cc068d97d137f7bcccefa8e2685329d>
5. Java Database Connectivity (JDBC) Introduction
<https://coursera.org/share/8375ef647955b5bece9e64a78130884a>
6. Google SEO Fundamentals
<https://coursera.org/share/fe5e09e2cf83cd48558a69ee8a6e1233>
7. Optimizing a Website for Google Search
<https://coursera.org/share/6f60a2ace64abee0c0d2d0f4666852dd>
8. Advanced Content and Social Tactics to Optimize SEO
<https://coursera.org/share/0ac63dc5002516361bc22456aac6ed69>
9. Spring - Ecosystem and Core
<https://coursera.org/share/cf8e8b6dab41e42845805527283ec382>

Training and Workshop

1. **Workshop 17 Days on Java technology MCA Department NIET Greater Noida
October 2024**
2. **Java training 17 Day Department B.Tech CSE NIET Greater Noida FEB 2023**
3. **Java training Department MCA-INT NIET Greater Noida MARCH 2023**
4. **Workshop on oops -Object-oriented programming in MCA Department 2023**
5. **Workshop 15 Days on Java technology MCA Department NIET Greater Noida
October 2022**

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** seminar in October 2019 "HCL " Chennai

RESPONSIBILITIES

- 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
- 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,
- **Web design (Web Technology)**- HTML CSS, Bootstrap JavaScript
- **DBMS**- Data Models in DBMS, Normalization in SQL (DDL DML DRL TQL JOIN)
- **Design Patterns** in Java
- **Software Engineering**
- **Digital electronics / computer system organization**

JAVA FULL STACK TRAINER - SKILLS SET

Operating Systems	WINDOWS, UNIX
Languages	JAVA 8
J2EE Technologies	Servlets , JSP,, JDBC
Frameworks	Spring , Spring boot
ORM Frameworks	Hibernate ,JPA2, Spring Data JPA
Web Designing Tools	HTML, CSS, java Script ,bootstrap,
Web Design framework	React js, Angular8,9,16,
Database	Oracle, MySQL,, Workbench, mongo dB
Web Service	XML -DTD vs XSD JAX-B JAX-RS / Jersey
Web Service	restful api , jackson Api ,Jersey,JaxB Api
Web / App Servers	Apache Tomcat, Web logic. Jetty server, Eureka server
Java Desktop Editor	Visual Studio Code, EditPlus,Notpad+ +
Java IDE /Tools	Eclipse, and STS, Maven
Other Tools	Junit, Jira Tool,Git,,SVN,Log4J, Maven, Postman, PMS
Software development Methodologies	Agile scrum methodology
Microservices Frameworks	Spring Boot, Jersey Frameworks
Spring boot configuration File	application.properties, application.yml
Integration tools	Jenkins
Deploy Application container	Docker, Docker Hub

Membership in Professional Bodies:

- Life Member of Indian Society of Technical Education
- Life Member of Indian Society of Systems for Science & 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 Ji^a, Dr. M.Sivak Kumar^b) **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>)

3- (Lakshman Ji^a, Dr. M.Sivak Kumar^b) **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>)

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_1awRmQyJbyTi5rI1ht8lZbQGdU)

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/IJCT-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>

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)