Kavtha Lakshminarasaiah

*1500, WestBlue sagedrive, Apt 1216, Peoria, Illinois 61615*

 (+1) 309-550-3068 |klakshm@ilstu.edu | [ kavitha-l-81a5a474](https://www.linkedin.com/in/krishna-patel-03262316b)

# Education

**Illinois state University *Normal, Illinois***

MS IN INFORMATION SYSTEMS| **GPA : 3.81/4 *Aug. 2020 -- Exp. May. 2022***

Coursework: Research Methodology, Internet Application Development

**East West Institute of Technology *Bangalore, India***

BE IN ELECTRONICS AND COMMUNICATION | **GPA : 8/10 *May 2004 – May 2008***

Coursework: Operating System, Database Management Systems, Computer Networks, Software Engineering

# Work Experience

**Infosys Limited (Technology Lead) *Bangalore, Indi***

***Oct 2010 – Dec 2019***

* Over 10 years of working experience at Infosys Limited involved in System Requirements, Analysis, Estimation gathering, Design, Development, Testing, Implementation, of various business applications using Technologies like AWS, Hadoop, Teradata, SQL, Mainframe, Shell scripting, JCL, nVSAM,oDB2 , CICS, IMS DB and IMS DC.
* As a Technology Lead have lead a team of 7+ members.

**Supervalu Services India Pvt Ltd (Specialist) *India, Bangalore***

***Sep 2008- Oct 2010***

* Over 2 years of working experience at Supervalu Services India Pvt Ltdinvolved in System Requirements, Analysis, Design various business applications using Technologies like IBM Mainframes, Shell scripting, JCL, nVSAM,oDB2 , CICS, IMS DB and IMS DC
* Experience in writing SQL queries, Triggers, and Stored Procedures in Relational Database management systems like DB2.

**Skills**

|  |  |
| --- | --- |
| **Languages** | R Programming, Python, Bash, Shell Scripting and Cobol |
| **Big Data Ecosystems** | HDFS, Hive, Pig, Spark, AWS |
| **OLTP** | CICS |
| **AWS** | EC2, S3, CLOUDTRAIL |
| **Databases** | DB2, Hive, IDMS DB, REDSHIFT |
| **Operating Systems** | Windows, Linux, MVS OS/390 |
| **Tools** | ISPF, ENDEAVOR, XPEDITOR, CA7, FILE-AID, SPUFI, QMF, BMC Tool |
| **Methodologies** | Agile |

# Projects

**Technology Lead, Infosys Limited, Bangalore, India (AWS, Cloud computing) *Jan 2018 – Dec 2019***

* Design, development and Implementation of ETL solutions on AWS using Spark and AWS components like Step functions.
* Developing technical solutions for migration using Spark-Scala ensure the migration of existing objects from on-premises to Cloud.

**Technology Lead, Infosys Limited, Edinburgh, United Kingdom (Mainframe developer)** ***Feb 2013– Dec 2017***

* Designed, Developed and Implemented ETL Solutions.
* Translated customer requirements into formal requirements and designed documents, established specific solutions and including programming and testing that culminate in client acceptance of the results.
* Worked with Technical Core Team to perform the functional testing and supported the regression testing & User Acceptance testing (UAT).

**Technology Analyst, Infosys Limited, Bangalore, India (Hive, Spark developer) *Jan 2010– Jan 2013***

* Designed Hive tables like partitioned and non-partitioned tables.
* Created Hive tables on HDFS files for ETL transformations.
* Deployed ETL solution to higher Environment i.e., from Development to QA region, QA to UAT region and then to Production using CICD pipeline.

**Specialist, SuperValu Services India, Bangalore, India (CA7 Scheduler) *Nov 2008– Sep 2010***

* Automated day to day activity using REXX and Shell Scripting.
* Took regular back of database and files and restored whenever needed.
* Worked on Database replication between different regions.

# Qualities and Skills

· Ability and willingness to learn and adapt quickly.

· Strong work ethic

· Strategic thinker. Able to manage multiple priorities against a shifting backdrop information.

· Ability to work under changing timelines and meet deadlines

· Patience and Persuasion.

· Strong interpersonal skills

· Excellent written and verbal communication skills.

# Extra-Curricular

* Achieved a certificate of successful completion of a course “DB2 9 Fundamental Admin” authorized by IBM.
* Achieved a certificate for attending seminar entitled – “Artificial Intelligence, Cloud Computing and Augmented Reality” conducted by SculptSoft.
* Central illinois high school cyber defense competition (CIHSCDC) Normal, IL - White Team Volunteer April 2021
  + Applied Cybersecurity skills learned in the classroom to coach Blue Team members against real-time Red Team attack
  + Coordinated communication between Blue Team members and White Team Leads
  + Leveraged interpersonal skills to virtually facilitate the competition participant’s growth and learning about Cybersecurity