

ANKIT KISHOR LUNAWAT

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OBJECTIVE: Looking for SDE full time opportunities. 3.5 years of prior industry experience

EDUCATION

• Master of Science	: Computer Science, University of Texas at Arlington, TX (GPA: 4.0)	May 2023
Relevant Coursework	: Machine Learning, Neural Networks, Design of Algorithms, Data Analysis and Modeling Techniques, Distributed Systems, DBMS-Implementation and Modeling	
• Bachelor of Engineering	: Information Technology, University of Pune, India (GPA: 3.04)	August 2017
Relevant Coursework	: Object Oriented Programming, Software Modeling and Design,	

TECHNICAL SKILLS

• Languages	: Java, Python, C
• Front end technologies	: HTML, JavaScript, CSS
• SQL	: MySQL, Database Schema Design, NoSQL
• BI Tools	: Tableau Charts, Dashboards, Data Prep
• Others	: Advanced Excel Lookups, Pivot Tables, Big Data Hive, Spark, Scala, Pig
• Statistical Modeling	: Hypothesis Testing, Classification, Markov chain and models
• Cloud Technologies	: AWS, Azure

EXPERIENCE

GRADUATE TEACHING ASSISTANT – Arlington, Texas **August 2022 - present**
University of Texas at Arlington

- Conducting class, having office hours to guide students on their projects, solving problems of the students related to coursework and coding

NSQUARE XPERTS LLP - Pune, India **Dec 2019 – May 2021**
Software Developer

- Spearheaded a process re-engineering project; restructured communication flow among 30 employees and cut down paperwork by 75%
- Implemented CI/CD pipeline for automatic deployments by containerizing the application using docker, Jenkins, Gradle, Maven
- Used AWS cloud services like S3, EC2, Lambda and Azure app-services, blob containers etc
- Implemented Spring MVC framework in the presentation tier for all the essential control flow, business level validations and for communicating with the business layer

Fujitsu Consulting India Pvt Ltd- Pune, India **Nov 2017 – Dec 2019**
Assistant Application Developer

- Transformed COBOL to Java insurance system migration which saved up to 20% of maintenance charges
- Developed tools using Java-FX library and VBA that led to 75% decrease in manual work
- Developed several tools, including a mask image editor and a mask image viewer, to reduce manual labor by 40%

PROJECTS

Lunamar's management website

- Lunamar is a subdivision of buildings and apartments, and our webpage consists of complete management of all
- Using front and back-end technologies created a website which manages interaction between roles and services

Deep Learning based Covid-19 detection using CT scan

- Conjugate different models such as DenseNet201, Resnet50V2, VGG16 and Inceptionv3 for pre-training dataset
- Differentiating accurately between pneumonia and covid-19 by implementing FPN layers in the model

File Synchronization using socket connection and multithreading

- Autonomously synchronizing the composite directory listing from multiple servers using socket connection
- Locking and unlocking of the files, upon unlocking making file consistent across all the servers

AWARDS/ACTIVITIES

- **N3** level certified of Japanese Language Proficiency test (JLPT)

CLUBS AND ORGANISATIONS

- **Technical Head** – Indian Mavericks Society at The University of Texas at Arlington