Anubhav Sharma

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VISA Status: F1

EDUCATION

The University of Texas at Arlington   December 2022
Master of Science, Computer Science (Cloud Computing and Machine Lerning)   **GPA: 3.9**

SKILLS

Core Competencies	Data Structure and Algorithms, Data Mining, DBMS, Software Engineering, Web Development, AI
Programming:	Python, Java, Java Script, HTML, PHP, C#
Skills:	**Development**: Node JS, Vue JS, Selenium, Laravel, Python Flask, Big Data **Machine Learning:** Scikit, Tensor Flow, Linear Regression, Naive Bayes, Pandas, NumPy **Database:** NO SQL, Mongo DB, Redis, SQLite. Apache Spark, JIRA **DevOps:** GitHub, Jenkins, source control management, Agile **Testing:** Debugging, Postman, API Testing, Application end to end testing, database testing
Certifications:	**Cloud: Google** Cloud Fundamentals, **Azure** Fundamentals; **AWS** Cloud Technical Essentials **DevOps:** DevOps on AWS **Automation:** Google IT Automation, Tricentis TOSCA Automation Engineer - Specialist level 1 and level 2

PROJECTS

Algorithm Performance Measure - **Technology Stack:** Python Flask, Bootstrap
- Full stack project to give live comparison between all sorting algorithms. (Selection sort, insertion sort, quick sort, heap sort etc.)

Intelligent Housing Manager - **Technology Stack:** PHP, Laravel, Node JS
- Hosing System that manage, control, and monitor buildings, apartments and contact via live chat option.

Migration Data Validator - **Technology Stack:** JAVA, Apache Spark, Vue JS, Bootstrap, Mongo DB
- Currently used in industry to verify **millions and trillions of data** migrated from one database to other.

Weather App - **Technology Stack:** React JS, API
- This application shows current weather and forecast for next 7 days.

CNN for Image Colorization Using Deep Learning – **Stack:** NumPy, Pandas, CV2, TensorFlow, Keras
- Image colorization from grayscale image to RGB using CNN encoder and decoder.

Multiplayer game using multiple AWS Cloud Instance – **Stack:** AWS, JavaScript, Flask
- Implemented a muti-user web-application game using Flask. The application had a separate AWS-EC2 cloud instance for each player

Search engine using Azure Cloud services – Stack: Azure, Flask
- Designed & developed a flask web-application that searches based on words or words combinations to find relevant documents that are on Azure cloud. The search result identifies a document by name and where in that document that is found (such as line or offset). Achieved efficient search complexity

CI/CD pipeline implementation in AWS

WORKING EXPERIENCE

University of Texas at Arlington, Texas, US   August 2021 – Dec 2022
Role - Database System Teaching Assistant
- *Course Planning, grading, and designing syllabus for class of 45 students. Course Include: SQL, ER-Diagrams, Queries, Relations algebra.*

Accenture, Hyderabad, India   November 2014 – December 2020
Role - Software Automation Specialist
- *Designed and developed 10+ **hybrid framework** which included functionalities likes data driven, one touch execute/scheduled execution, auto email trigger, prediction of any risk with available defects.*
- *Automated the code release process, bring the total time for code releases from 20 hours to 10 minutes.*
- *Accenture Green Field Trainer for test automation to new joiners.*

Achievements:
- Tech Star Award (Recognizes the **Top 1%** of the people in Accenture's Technology business) Year- 2019