

Fnu Sakshi

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[LinkedIn](#), [Personal Website](#)

Actively looking for a software developer full-time job role across US

EAD start date: Feb 5th, 2024

EDUCATION:

Master of Science in Computer Science
University of Texas at Arlington, TX

Jan 2022 -Dec 2023 (GPA 3.5)

SKILLS:

Languages: JAVA/J2EE, HTML, CSS, JavaScript, Python
Database Management Systems: Cassandra, MySQL, Oracle, IBM DB2
Web/Mobile frameworks: Adobe Cold fusion, NodeJS, jQuery, RPC, .NET framework
Technologies: Microsoft Azure (Databricks, Hadoop, Data Lake, Data Factory, PowerBI), VIM, Git SCM, Tortoise SVN
Tools: (OS: Linux, Windows), JIRA, Hadoop, SOAP API, Quality Center, Teradata SQL Assistant, CDOPT, Prism
Machine Learning Tools: Scikit-learn, Keras, TensorFlow, Jupiter Notebook, Pandas
Certifications: Azure Fundamentals(AZ-900), Azure Developer Associate(AZ-204), DevOps Engineer Expert(AZ-400)

WORK EXPERIENCE :

AMDOCS (AT&T), India

Experienced Software Developer, July 20- Dec 21

- Experienced working on data migration by performing ETL (extract/transform/load) jobs from on-prem sources to Microsoft Azure Data Lake
- Delivered multiple projects with required proficiency in Apache Spark architecture with Databricks.
- Developed and maintained business functions with cross-platform PySpark libraries.
- Proficiency with MapReduce, Azure Data Bricks, Azure Data Factory, Azure Data Lake, COSMOS DB

AMDOCS (AT&T), India

Application Project Manager, May 19- June 20

- Managed project teams through the full delivery lifecycle: business strategy, requirement analysis, design, build, and testing
- Worked closely with AT&T release management and published production release status reports to external clients.
- Took ownership of project delivery by planning the budget and costs
- Hands-on SCRUM/Agile Development Process, Product Backlog Maintenance, Team/Stakeholder Scheduling, Process Deconstruction, and Analysis, Quality Assurance, Release Scheduling

IBM (AT&T), India

Software Developer, July 16 – May 19

- Participated in and analyzed high-level design documents and prototypes.
- Working on MPI reports, writing one-time setup scripts in Oracle for various DW screens • Provided code review feedback in the web application code base and resolved issues promptly.
- Led knowledge transfers and onboarding meetings for new members.
- Supported business partners in unit, integration, and system testing.
- Attended daily standups with US 1st line manager and onshore team.

SELECTED PROJECTS:

Sonar Signal Recognition IBM (AT&T), India

- Created a sonar signal recognizer by leveraging machine-learning classification algorithms.
- Implemented and evaluated the accuracy of 3 different algorithms using Naïve Bayes theorem, SVM, and Neural Network
- Developed graphs and UI using Python Marplot libraries to showcase the accuracy and ROC curve Benchmarking Image Classification Methods
- Prepared datasets sourced from various sources and split them into training and test sets.
- Implemented and compared standard variations of ANN, CNN, Decision Trees, SVM's, and KNN in the first iteration.
- Experimented with data augmentation and tuning the hyperparameters to improve training times and recall rates.
- Improved accuracy and provided further contributions by using transfer learning via VGG16 pre-trained model.

Distributed File Server

- Designed a drop box-like feature for synchronizing the client and server files using RPC.
- Leveraged multi-threading to perform four basic operations: UPLOAD, DOWNLOAD, DELETE, and RENAME
- Created a Python CLI client for interacting with the server.
- Benchmarked and optimized the server by creating latency metrics and load testing with concurrent requests.