

Hriddhi Kulkarni

hri21@outlook.com | (806) 224-5235 | <https://linkedin.com/in/hriddhi-kulkarni/> | <https://hriddhikulkarni.github.io>

Work Experience

FedEx Services - Full Stack Developer III Feb 2021 - Present

- Lead the overall coordination of system requirements and implementation to meet business requirements for US payment/remittance application, responsible for managing \$50M of total revenue
- Collaborated with a team of 2 project managers to work cross-functionally with IT and accounting teams for charge-level Invoice adjustments workflow in international regions that reduced operational costs by \$65k
- Lead reconciliation of \$680K payments in coordination with business and commerce support teams for a customer and eliminated incorrect statements
- Built automatic payment matching feature for \$10M payments using microservices architecture and increased efficiency in customer support operations by 70%
- Defined and executed a roadmap to support multiple payments channels for managing \$30M remittances and improved platform scalability by 40%
- Conducted preliminary data analysis for recurring international adjustments errors and created web service health monitoring dashboards using Splunk for incident response team that reduced average resolution time

Iowa State University - Systems Analyst I Jun 2020 - Jan 2021

- Designed and developed a responsive, Section 508 compliant query portal to improve accessibility and research for 10GB Genome Sequencing SoyBase data
- Refined and implemented automated data upload process in use by 30 researchers, resulting in reduction of 20% in save/load time
- Conducted consumer surveys to understand pain points of the customers and optimize the software

Security Benefit - Quantitative Developer Intern May 2019 - Aug 2019

- Migrated on-premises database with 1TB data to AWS Cloud to improve reliability and security, led to cost reduction by \$25K
- Developed automation scripts to perform ETL on quantitative trading data that improved data quality and reporting
- Identified issues during derivatives data translation, performed Quality Assurance (QA) testing that mitigated quantitative analysis for the trading team
- Evaluated success of the Amazon Redshift database post-migration based on query result retrieval rate to ensure an effective trading system

RISA at Texas Tech University - Machine Learning Intern Mar 2019 - May 2019

- Built supervised machine learning (Support Vector Machine) model using Python and Tensorflow that improved cancer prediction from the Breast Cancer Wisconsin dataset with an accuracy of 96.1%
- Created data visualization charts in Google Colab using Matplotlib for the understanding of non-technical audience

Technical Skills

Languages, Databases: Python, Java, HTML5, CSS3, Angular, Oracle SQL, SQL Server, AWS
Tools: JIRA, AWS, Unity, AdobeXD, Git, Splunk, AppDynamics, Jenkins, Sketch, VersionOne
Development Methodologies: SDLC, Scaled Agile (SAFe), Kanban

Education

Master of Science in Computer Science Aug 2018 - May 2020
Texas Tech University, Lubbock, TX

Bachelor of Technology in Computer Science Sep 2014 - May 2018
Jawaharlal Nehru Technological University, Hyderabad, India