Hriddhi Kulkarni

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https://hriddhikulkarni.github.io/

Technical Skills

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

Work Experience

FedEx Services - *Full Stack Developer III*   Feb 2021 - Present
- Provide leadership and initiative in the overall coordination of system requirements, program specifications, and implementation to meet business requirements/specifications for Revenue Systems applications
- 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 $50k
- Designed and delivered payment/remittance application using Angular and Java, this increased efficiency in customer support operations by 40% due to its microservices architecture
- Built test infrastructure for Account Receivable Services using Junit to uncover and reduce logical defects, and improved internal process quality
- Worked on identifying key metrics that help determine service health, set up the necessary alerts
- Created dashboards using Splunk that reduced test and production levels issue resolution by 60%

Iowa State University - *Systems Analyst I*   Jun 2020 - Jan 2021
- Conducted market research and consumer surveys to deliver functional requirements and improvements
- Led the designing of web interfaces for biological databases based on responsive design and Section 508 compliance
- Developed a query portal to retrieve 10GB Genome Sequencing SoyBase data based on user input
- Recommended and delivered automated data upload process that reduced overall effort by 40 hours

Security Benefit - *Quantitative Developer Intern*   May 2019 - Aug 2019
- Migrated database from on-premises data storage to AWS Cloud (Amazon Redshift), leading to reduction in costs by $25K
- Developed automation scripts to perform ETL on data that improved data quality and reporting
- Performed Quality Assurance (QA) testing for quantitative data using Automic automation
- Researched and analyzed Amazon Redshift database performance post-migration
- Analyzed existing infrastructure and recommended system improvements

RISA at Texas Tech University - *Machine Learning Intern*   Mar 2019 - May 2019
- Applied different machine learning algorithms to datasets and analyzed the performance using Python and TensorFlow
- Created visualization charts in Google Colab to perform preliminary analysis using Matplotlib

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

Publications

H. Kulkarni, B. Kumbham and J. J. S. Mani, "Multiclass Classification to Predict the Level of Storm and Damages Using Support Vector Machine," 2018 Fourteenth International Conference on Information Processing (ICINPRO), Bangalore, India, 2018, pp. 1-5, doi: 10.1109/ICINPRO43533.2018.9096705.