SWETA KUMARI

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EXPERIENCE (3 years)

Microsoft Corporation (*Software Engineer II*) – *(C#, SQL, Azure)* Jun 2020-Present
- Led data engineering effort for Tips team which resulted in clean readily available data for analytics - including creating pipelines, extracting, transforming, storing data and privacy compliance.
- Worked on adding personalization abilities to the app, resulting in increased user engagement.
- Worked on making the app telemetry richer for understanding and making better design decisions

Juniper Networks (*Software Engineer II*) – *(Python, Docker, Kubernetes, Helm, PromQL).* Feb 2019 - Jun 2020
- Designed and developed a network device telemetry project as Kubernetes app
- Developed modules across services and data engineering pipeline.
- Load Tested modules to benchmark performance and removed bottlenecks to reduce memory footprints.
- Worked on Kubernetes monitoring support for AppFormix, a monitoring/management product for multi cloud.

Barclays (*Software Engineer*) – *(Java, Spring, MySQL)* Jul 2015 -Aug 2017
- Worked with Barclays Notification Engine team & received recognition for extraordinary commitment
- Integrated new adapters to lower the cost of customer notifications sent across the bank
- Implemented a two-way SMS service, using which customers can chat with customer care
- Developed a tool to automate build and test in pre-production phase

SKILLS

Languages: Python, C#, SQL

Frameworks/Tools: Flask, Kubernetes, Docker, Git, REST, gRPC, scikit-learn, Helm, Grafana, Prometheus, Redis

EDUCATION

Stony Brook University, New York - *Master of Science, Computer Science* Aug 2017 -Dec 2018
Sharda University, India - *Bachelor of Technology, Computer Science* Aug 2011-May 2015

PROJECTS

Document Classifier Engine Python, scikit-learn
- Developed an 8-way document classifier model with accuracy of 91% by using Machine Learning techniques like SVM, Naive Bayes

Solace - a chatbot for people in crisis Flask, Python, IBM Cloud, Javascript, HTML
- Designed a website with inbuilt intelligent chatbot for people with mental health conditions.
- Winner at HackHealth@SBU 2018 for Best Mental Health hack and Best UI/UX

Salmon Modules for MultiQC Python
- Implemented parser for various modules of Salmon, an open source quantification tool for RNA-seq.
- Integrated with MultiQC, an open source analyzer tool.
- Generated feature specific plots, heatmap for easier comparison between various samples.

Los Angeles Payroll Analysis Python
- Worked on statistical analysis and hypothesis testing on LA payroll data of government employees
- Used techniques like T-test, KS test, Wald's test, Linear Regression