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EXPERIENCE

SIMPLIFY WELLNESS (DOCTOR C)	SOFTWARE ENGINEER (FULL-STACK)	JUN 2021 – CURRENT
<ul style="list-style-type: none">Engineered and developed several customer facing and internal modules such as payment confirmation links, Dashboards for managers to view and assess performance, Django models for storing and accessing large amounts of data. (Python, Django, React, PostgreSQL)Built models and tools single-handedly that were aimed at maximizing revenue and sales for the organization using Google Adwords, Facebook Business and several other marketing-based tools.		
VERITAS TECHNOLOGIES LLC	SOFTWARE ENGINEER (BACKEND)	DEC 2018 – SEP 2020
<ul style="list-style-type: none">Engineered and developed the Veritas Optimized Operating System (VxOS) based on RedHat 7.x. Developed feature updates for the VxOS SDK. (Python, Bash, Docker, Ansible).Developed REST/FTP based APIs, as part of a Standalone Firmware Update and Recovery Environment that allowed users to Update/Rollback individual device firmware. (Python, Bash, Docker)Developed REST based plugins and APIs that interact with various hardware components of the appliances and provide the necessary information. (Python, Java, MongoDB)Working on continuous integration pipelines responsible for performance, regression, and functionality testing of production deployment VxOS versions. (Jenkins, Robot).		
LASTLINE INC (VMWARE)	SOFTWARE ENGINEER (BACKEND)	OCT 2017 – AUG 2018
<ul style="list-style-type: none">Developed REST based APIs that would allow for indexing of new kinds of threats and threat indicators. (Python, RabbitMQ)Worked on a feature update that enabled continuous indexing of the most malicious websites every day. The ratings would be updated for existing entries each day and a new list would be sent out. (Python, Cassandra, Elasticsearch)		
COGNIZANT TECHNOLOGY SOLUTIONS	PROGRAMMER ANALYST (BACKEND)	JUL 2014 – JUN 2015
<ul style="list-style-type: none">Handled the online banking services backend for a large American financial services firm.Developed and maintained Java based APIs to handle online transactions.		

EDUCATION

University at Buffalo (SUNY)	M.S in Computer Science	August 2015 - June 2017
Osmania University	B.E in Information Technology	October 2010 – June 2014

SKILLS

LANGUAGES AND DATABASES: PYTHON, JAVA, CASSANDRA, MONGODB, ELASTICSEARCH, BASH, SPRING MVC, POSTGRES, REACT

OTHER TECHNOLOGIES/Frameworks: JENKINS, DJANGO, JUNIT, PYTEST, REST, ANSIBLE, GIT, DOCKER, ECLIPSE, LINUX, KUBERNETES

PROJECTS

Performance and Growth Dashboards (Python, Django, React, PostgreSQL):

- Developed dashboards that were consumed internally by sales/support managers to view and assess performance of advisors.
- Worked with the Growth Team to develop a Growth Dashboard that contained experiments, keyword analysis, orders/leads lost per day, daily sales performance and other metrics.

Standalone Firmware Update and Recovery Environment (SURE), *Veritas Technologies LLC*, (Python, Docker, Bash)

- URL:** https://www.veritas.com/content/support/en_US/downloads/update.UPD966809
- Developed REST/FTP, Python based APIs for detecting and updating storage controllers, raid controllers and the BIOS.
- Wrote the Unit testing suite for SURE using the Python unit test libraries.
- Worked on creating and deploying the SURE docker container.

Feature update – Yum Repository Snapshot, *Veritas Technologies LLC*, (Python, Ansible, Docker, Yum)

- Developed a feature for the SDK that would allow users to create a snapshot of existing Red Hat software repositories, as well as other third-party repositories.
- The snapshot freezes all packages contained within the repository along with their specific versions.
- Each Red Hat Enterprise Linux RPM software package contained in the repository could also be updated/removed or completely purged from the repository

Multi-Lingual Twitter Data Search and Retrieval; Semester 1, *University at Buffalo*, (Java, Apache, SOLR)

- Created a Search Engine based around multi-lingual twitter data. (About 1 GB of data collected over a month using the Twitter 4J API). Implemented scoring models like VSM, BM25 on the data.
- Incorporated the SOLR framework for indexing and filtering the tweets.
- Worked on search engine optimization, sentiment analysis, content tagging and multilingual querying.

Data Warehousing and OLAP Operations; Semester 3, *University at Buffalo*, (Java, Python, Hadoop)

- Implemented a Data Warehouse for clinical and genomic data based on the Bio Star Schema that supports regular and statistical OLAP Operations. Wrote several clustering algorithms in Python.
- Performed K-means clustering on a single node Hadoop Map Reduce cluster using Java and implemented several classification algorithms such as, K-NN, Decision Tree, etc. (Java, Python)