Phyo Thiha

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SUMMARY OF TECHNICAL SKILLS AND QUALIFICATIONS

- 11+ years in software development, data management and automating data processing workflows using Python and SQL
- Familiarity with Bash/Unix commands, Java, JavaScript, Ruby, HTML, CSS and Django
- Hands-on experience with building business reports using visualization software such as Tableau, PowerBI and Data Studio
- Customer-facing experience translating technical concepts and solutions to executive/management or non-technical audiences
- Persistent, detail-oriented problem solver with excellent teamwork and communication skills

DATA MANAGEMENT AND SOFTWARE DEVELOPMENT EXPERIENCE

GROUPM   NEW YORK, NY
Associate Director, Data Analytic Services   **December 2019 - Present**

- Lead offshore teams in Colombia and in India to support ETL processes and the reporting dashboard in Tableau for Colgate-Palmolive and Hill's accounts
- Manage billing, resource allocation, budgeting and hiring, and other project management tasks
- Developed Python-based data processing framework to transform large volume of monthly advertising data
- Streamlined the data processing workflows in Azure (Data Factory, SQL Server, Batch, Blob Storage, Logic App and DevOps) to cut down the time required to process data by 60+%
- Set up automated QA processes in Azure Data Factory, SQL stored procedures and Python to detect data anomalies
- Spearheaded the development of ML-based product mapping website to classify raw product names to Colgate's standard names

Data Manager, Data Analytic Services   **October 2017 – December 2019**

- Oversaw the processing of global traditional media (TV, radio, print, etc.) advertising data from ~60 countries for Colgate
- Led an offshore team in Colombia and developed automation solutions for digital advertising data ETL processes (Examples: https://github.com/plartoo/others/tree/main/data_architect_misc)
- Served as the technical liaison between Colgate global marketing team, and Red Fuse and GroupM management
- Managed projects for internal and client teams to ensure requirements, risks and project deadlines are clearly communicated and met within allocated budget

Senior Data Architect, Data Analytic Services   **February 2016 - September 2017**

- Developed and deployed solutions in MS SQL Server and Python to process large amounts of data from Target store and Unilever's advertising campaigns (Example: https://github.com/plartoo/data-artchitect)
- Worked in tandem with an offshore team in India to carry out the daily data acquisition, processing and maintenance work
- Documented business intelligence (BI) reporting requirements and translated them into technical requirements including data transformation, data quality control and UI/UX for data visualizations
- Built BI reports and visualizations using Tableau and Data Studio

MATHWORKS, INC.   NATICK, MA
Software Engineer, Data-tools team   **June 2013 - December 2015**

- Defined requirement specifications and architecture for the browser-based variable editor of the MATLAB desktop software
- Prototyped and integrated the lightweight-browser-based variable editor for new String data type in the MATLAB online software
- Implemented the tooltip, context menu and new metadata columns in JavaScript for MATLAB online's workspace browser

SHOP IT TO ME, INC.   SAN FRANCISCO, CA
Data Integration Engineer   **August 2009 - August 2011**

- Developed a multi-threaded web crawler framework in Ruby to fetch data daily from >160 global clothing and fashion retailers
- Wrote automation tools to process, import, monitor and maintain the data feeds along with the reporting of daily sales statistics
- Designed and implemented an automated one-click checkout process for clothing items purchased directly via company website

EDUCATION

UNIVERSITY OF ROCHESTER • PhD (2019) and MS (2013) in Computer Science   ROCHESTER, NY
SWARTHMORE COLLEGE • BA in Computer Science; minor in Statistics (2009)   SWARTHMORE, PA