

Varun Pius Felix Rodrigues

352-484-6730
pius.varun@gmail.com

LinkedIn: www.linkedin.com/in/vpiusr
Website: varunpius.github.io

Seattle, WA - 98122

EDUCATION

Master of Science in Computer Science University of Florida, Gainesville, FL	August 2015 – May 2017
Bachelor of Engineering in Electronics and Telecommunication Engineering University of Mumbai, Mumbai, India	August 2008 – June 2012

SKILLS

Programming Languages: Java, Python, Flask, Scala, Linux Shell scripting (Bash), C++, Matlab, GoLang
Database: Teradata, Oracle PL/SQL, MySQL, InfluxDB, MongoDB, Cassandra, Apache Hive, Redis, DynamoDB, Apache Spark
Tools: Tableau, IBM Cognos, Microsoft BI, SAP BusinessObjects, Informatica, Amazon Web Services (AWS), Docker, Git

WORK EXPERIENCE

Nordstrom , Seattle, WA Software Development Engineer II	November 2020 – Present
<ul style="list-style-type: none">Contributed in the Nordstrom Analytical Platform design phase that helped business take faster objective decisionsDeveloped the software stack to collect and aggregate data in near real time with minimal latencyPerformed tasks for efficient data storage for faster retrieval and analysis of data as well as for optimized replicationCreated an automation solution using scripts and Airflow DAGs to automate tasks such as procedure runs	
TIBCO Software Inc. , Seattle, WA Senior Data Engineer	May 2018 – November 2020
<ul style="list-style-type: none">Planned distributed data architectures spanning multiple geographical regions as well as technical specificationsDeveloped software frameworks to automate and optimize data manipulation for specific use cases and software requirements as well as design canaries to track and alert issues for the sameResponsible for designing APIs to post, update and get data for client applicationsAnalyzed log data on Splunk and Graphite and created triggers to automate alerts for critical issuesDid data cleansing, data redaction and deletion for various regulations and privacy policies including EU GDPR	
Wellington Management , Boston, MA Python Developer	July 2017 – April 2018
<ul style="list-style-type: none">Collected data through Web scraping and other data collection techniques from varied data sources including the web, and publicly available Government databases, public data repositories and private data servicesBuilt data pipelines to format unstructured data into structured data and push to Amazon S3Implemented a serverless system to be triggered through Amazon Lambda to run ETL frameworks developed on PythonSynthesized a data analysis framework using Pandas and Numpy to be used by analysts to make investment decisionsOrchestrated containers for ease of maintenance and scalability	
Apple Inc. , Cupertino, CA Data Engineer Intern	May 2016 – August 2016
<ul style="list-style-type: none">Engaged in the Data Engineering and Business Intelligence domain for global Market Sales AnalyticsAnalyzed data, performed data modelling, designed data warehouse, optimized to handle huge volume of data, and built reports for Sales forecastingIdentified potential customers through selective dimension filtering and using machine learningPerformed forecast modelling and data analysis using tools such as Tableau, Teradata and R	

PROJECTS

Container Metrics Monitoring , The MathWorks Inc.	March 2017 – April 2017
<ul style="list-style-type: none">Developed an analytics and reporting system, which collects metrics from Docker Containers in Amazon AWS and stores them in persistence layer.Engineered a data pipeline using Java, InfluxDB and Grafana along with other technologies	