Paritosh Walvekar

PRODUCT DEVELOPER

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EXPERIENCE

CloudCover Inc — Product Developer — June 2015 - May 2017

ETL MIGRATION
- Led a migration project which involved the transformation of the ETL process from Amazon Web Services based Hive to Google Cloud Platform based Dataflow model.
- Transformed all the queries in HIVE to Google Dataflow transformations.
- Create unified model for streaming and batch input modes.
- Technology Stack : Java, Google Cloud Dataflow, Google Big Query.

THRIFTY
- Led a team of two developers to build a product used for running/stopping the instances on the cloud.
- Designed a serverless backend ensuring zero operational overhead with seamless scalability.
- Technology Stack: Node.js (v4.3), AWS Lambda, AWS API Gateway, Cloud Datastore, Cloud Functions

METER
- Developed APIs to calculate burn rate on the public cloud. Implemented alarms on top of the cost data to notify the owner of the cloud account about budgetary restrictions set up by the owner initially.
- Built a small bot to bid on behalf of the user for a spot instance on the Amazon Marketplace. Ensures that the customer always has a cheaper instance at disposal.
- Technology Stack: Node.js (v4.3), AWS DynamoDB, AWS SNS, AWS EC2, AWS S3

DEV OPS SCRIPTING
- Built scripts for automating repeated tasks on the public cloud. Automation typically include timely backups, a creation of read-replicas on schedule, notifying the support team on any alert.
- Stitching together all the communication tools (Email, Slack, SMS) with the cloud to enable notifications.
- Technology Stack: Python (v2.7), AWS Boto, Google Cloud SDK

PORTABLE API TEST DEVICE
- Built an API test software on a Raspberry Pi 3 using the fullpageOS and Runscope Radar agent. The fullpageOS also powered a custom dashboard (built using Grafana) at the startup displaying metrics.
- The Raspberry board's Runscope radar agent is configured to perform Runscope API tests from any location the board is present in. Used by the client to test APIs from different locations with different telecom partners.
- Technology Stack: fullPageOS (debian), Python (v2.7), Raspberry Pi (Model 3), Runscope Radar Agent

EDUCATION

University at Buffalo (SUNY)
August 2017 - June 2019
Master of Science

Pune Institute of Computer Technology (PICT)
August 2011 - May 2015
Bachelor of Engineering
GPA - 3.16

ACADEMIC PROJECTS

SMART NOTICE BOARD
- Built a notice board application that identifies intended recipients from the text and notifies them with email.
- An Android interface provided to professors to post the notice along with feedback mechanism in notifications.
- The possible set of recipients identified using the Maximum Likelihood Estimation.
- The software was integrated with PICT's MIS and is still in use.
- Technology Stack: Python (v2.7), Android, MySQL

LANGUAGES
English
Marathi
Hindi
Spanish

SKILLS
Node.js, Git - Expert
Python- Intermediate
Java - Beginner
HTML, CSS - Beginner

VOLUNTEER
Pune Thalassemia Group
PICT Credenz
PICT IEEE
PICT ACM

INTERESTS
Hiking
Mountain Climbing
Badminton
Instrumental Music

SOCIAL