Kalyani Taru

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Skills

- Python3+, Java8, SQL
- AWS (CloudWatch, RDS, EC2, s3, ELB. route53), Git
- Dialog flow, Rasa nlu
- Google and HERE map services, OSM (Open Street Map), nltk

- Flask framework (Restful, admin)
- PostgreSQL, PostGis, MySQL, Oracle
- Sqlalchemy (ORM), JPA
- Jenkins, Tomcat
- SpringBoot, Maven

Work History

Walmart, *Jersey City, NJ (March 2020 - Current)*
- Developed 83% accurate matching engine algorithm in Java8 and Maven framework which will remove duplicate address, phone numbers, names, email address from the customers catalog and figure out the relationships between the different customers.
- Algorithm helped data scientist for product recommendation engine and creating master record for customers.
- The algorithm helped to reduce the disk space by 38% for storing customer data.

RedRoute, *New York, NY (Oct 2018 – Oct 2019)*
- Helped in designing IVR (Interactive voice response) system for the company, using machine learning approach.
- Wrote highly maintainable, solid code in Python3 for STAR (Speech to Accurate Results) system that formed a core framework and has won consistent praise from subsequent developers since initial version.
- Developed restful microservice for using Flask Restful framework. Wrote a basic machine learning model using TensorFlow and Spacy. This model detects the intents and entity from a sentence.
- Developed a robust software testing platform that advanced R&D effort and 50% increase in employee productivity. Testing Framework which helps other developers to look up, create and run and debug production issue.
- Refactored the web service code repository for better readability and extensibility.
- Resolved existing performance issues in the database and algorithm which optimized the system 25%.

Sylo Technology, *New York, NY (June 2018 – Oct 2018)*
- Developing dashboard for marketer to compare and see the progress of influencer and give analytics
- Gathering matrix for influencer from different social networking platform. Using MySQL and python flask
- Wrote service which will migrate data from legacy system to AWS s3.

PTC (Parametric Technology Corporation), Pune, India, (Jan2014-Jan2015)
- contributed in developing version control modules of Windchill (core product of PTC) in Java. It helps users to create new and multiple versions of the product.

Cybage Software, *Pune, India, (Sep2012 - Jan2014)*
- Developed a Web Crawler in Perl to scrape and clean data from hotel websites for analyzing and comparing.
- Helped in improving security issues for Athena website like SQL Injection, Cross Site Scripting, Authentication.

IBM, *Pune, India, (May2010 - Sep2012)*
- Responsible for requirement gathering, planning, developing, unit testing and tracking the development and configuration changes before they go live in production. Helped in developed web portals such as CRM, VMS and Barring and Unbarring services for telecom clients.

Education

Master of Science in computer science
School: New Jersey Institute of technology
Years: Sep 2016 – May 2018
GPA: 3.72/4

Bachelor of Technology in Information Technology
School: Veermata Jijabai Institute of Technology
Years: July 2006 – May 2010
GPA: 6.5/10