




# JINCY JACOB

## CONTACT

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 San Jose, CA  
 [LinkedIn](#)

## EDUCATION

**MS in Computer Science,**  
San Jose State University  
San Jose, CA

## SKILLS

- Python, PHP, NodeJS, JavaScript, Shell Scripts, GO
- GCP (cloud storage, notifications, App engine, AWS (SQS, Lambda, S3, IAM, RDS)
- MySQL, SQLite3, MS SQL, Postgres, MongoDB, Redis
- Django, Flask, Laravel, Symfony
- Robot Framework, Pytest, Nosetest, Selenium, PHPUnit
- Ansible, Chef, Jenkins
- Docker, MicroK8s
- Django, Flask, Laravel, Symfony
- Prometheus, Grafana

## SUMMARY/OBJECTIVE

I'm a highly motivated software developer with a passion to develop innovative solutions - tooling, services, API's and big data pipelines.

My work experience helped me gain a lot of perspectives in the following areas:

- Building APIs and backend services with scalability, usability and highly fault-tolerant architecture
- Hands-on experience with Python, GO, Node.js, PHP
- Data analysis using Python Pandas, matplotlib
- Dashboard creation using Grafana/Prometheus
- Hands on with Automation, TDD to ease short cycle releases, CI/CD, and jenkins
- Good understanding of security guidelines.
- Technical Leadership, Mentoring and customer interactions.
- Collaborating with others, bringing teams together and finding efficient ways of solving problems.

## WORK EXPERIENCE

**Sr Software Engineer**  
**Affinity Solutions | San Jose | 02/2021 – Present**

**AFS Internal Product Dashboard** (Prometheus/Grafana) A tool to ramp up the Product and other key stakeholders to find gaps in metrics coming from another system that the company depends upon.

- Accomplished 10% improvement in releases & onboarding time on new features by measuring the gaps using metrics on top of Data Manipulation Tools and Data Visualization Tools across different teams.

**AFS Insights** (Redshift, RDS, NodeJS, Python, Docker, Jenkins) - Insights is an analytics platform where customers could generate reports on the spend analysis based on various conditions.

- Designed and implemented metering for API calls based on various policies setup for the API caller. Accomplished 10% increase in revenue growth with this feature.
- Developed new APIs to measure the impact of sales campaigns. Accomplished 10% improvement to sales campaigns with the feature.

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**AFS Analog** (Redshift, RDS, Flask, Elastic Search, Docker, Jenkins)

- Analog is a platform for analyzing the credit card transactions, tagging transactions to brands, anomaly detection on spend etc.,

- Developed a tool to import data from Redshift into elastic search for searching based on regular expressions. Internal tagging team uses the data to create mapping of certain patterns in transactions to brands.
- Developed alert workflow for anomalies in credit card spend on brands.

**Software Engineer**

**Carbonite/OpenText | San Jose | 01/2013 – 02/2021**

Carbonite SMB product and tools

- Developed web-services for user and metadata management of Carbonite Server Backup (CSB) powered by AWS and GCP that increased sales by 10%.
- Developed a scalable Storage Quota Management system using mark-and-sweep technique to cleanup cloud storage for expired subscriptions. Improved scalability of the Quota-Manager by parallelizing jobs powered by AWS and GCP .
- Isolated independent operations as microservices based on AWS platform.
- Developed test automation using Python, Selenium IDE and curl to test web pages and REST APIs.
- Maintained the existing Code; Fixed bug in Zmanda customer support and sales web pages (sugar CRM) which involves optimizing SQL queries and generating Reports.
- Maintained existing API and implemented new APIs to migrate data from Zmanda's issue tracking system to a CRM and occasionally running reports which need extensive knowledge in SQL databases.

**Software Engineer**

**ClickMail Inc | San Mateo | 08/2012 – 10/2012**

- Developed a web-based recommendation system for ESP (Email Service Provider) selection. Implemented backend code that interfaces with the database and the selection algorithm.
- Implemented and tested complex SQL queries for generating random dataset for email marketing.