JINCY JACOB

CONTACT

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- ⚲ San Jose, CA

EDUCATION

MS in Computer Engineering,

San Jose State University

BS in Computer Science,

Anna University

SKILLS

- Python, NodeJS, JavaScript, Shell Scripts, GO, Kafka, Elastic Search, PHP, SDK
- SNOW, GCP (cloud storage, notifications, App engine, AWS (SQS, Lambda, S3, IAM, RDS)
- MySQL, SQLite3, MS SQL, Postgres, MongoDB, Redis
- Django, Flask, Laravel, Symfony
- Mocha, Jest, Playwright, Robot Framework, Pytest, Nosetest, Selenium, PHPUnit

SUMMARY/OBJECTIVE

Software developer with a passion to architect, build and develop resilient innovative solutions - tooling, services, API's and big data pipelines.

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

- Design, architect, build APIs and backend services with scalability, usability and highly fault-tolerant architecture.
- Hands-on experience in developing backend services using with Python, GO, Node.js, Kafka, Elastic Search
- Solid understanding of CI/CD pipelines
- Hands on with Automation and TDD to ease short cycle releases
- Data analysis using Python Pandas, matplotlib
- Dashboard creation using Grafana/Prometheus
- Good understanding of security guidelines.
- Technical Leadership, Mentoring and customer interactions.
- Improved engineering productivity through automation, process improvements or re-architecting legacy systems to reduce technical debt.
- Wearing many hats to improve collaboration and bringing teams together and finding efficient ways of solving problems.

WORK EXPERIENCE

SWE Consultant | WGT | Sunnyvale,CA | 11/2024 -present

Tools (Node.js, Python, SNOW dashboards, Grafana, Playwright, Mocha, Ollama) Our team is building tools for the developer platform and help mitigate MTTR(Minimum Time To Recover) metric during feature based sandbox testing.

R&D Engineer | Stealth mode | Remote | 05/2024 - present

Fitness Rewards App (React, Node.js, Python, Go, Postgres, Redis,Docker) Fitness application that rewards consumers for staying active.

Lead Engineer |Affinity Solutions | San Jose | 02/2021 – 04/2024

AFS Analytics Platform (NodeJS, Python,Docker, Jenkins,AWS Redshift, AWS RDS, AWS Lambda,AWS S3) - Analytics platform API brought up through full SDLC where customers could generate reports on the spend analysis based on various conditions.

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

- Ansible, Chef, Jenkins

- Docker, MicroK8s

- Django, Flask, Laravel, Symfony

- Prometheus, Grafana

- Led Data Engineering and Data Science team meetings following agile philosophy.

AFS Transaction Explorer (Redshift, RDS, Django, Elastic Search, Docker, Jenkins) - This a platform brought up through full SDLC for analyzing the credit card transactions, tagging transactions to brands, anomaly detection on spend etc.,

- a tool to import data from Redshift into elastic search for searching based on regular expressions. Internal sales team uses the data to create mapping of certain patterns in transactions to brands.
- alert workflow for anomalies in credit card spend on brands.
- Led Data Engineering and Data Science team meetings following agile philosophy.

Cross functional team deployment runbook I took charge to set standard for deployment runbooks that helped reduce technical debt during weekly releases. The effort was shared as part of monthly Lunch and Learn Engineering Sessions promoting consistency and efficiency.

Sr.Software Engineer/Software Engineer| Carbonite/OpenText | San Jose | 01/2013 – 02/2021

Carbonite SMB product and tools(NodeJS, Python,Docker, Jenkins, AWS RDS, AWS SQS, AWS IAM, AWS Lambda, AWS S3, Java, Golang)

- Brought up with full SDLC web-services for user and metadata management of Carbonite Server Backup (CSB) powered by AWS and GCP that increased sales by 10%.
- Brought up with full SDLC as 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 with full SDLC for the above features.
- 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.