




PEERAKIT SOMSUK

 pk.somsuk@gmail.com

 peerakit-somsuk

 champs

 @champs

 (415)-272-5673

SUMMARY

- 13+ years of working experience in the software industry
- Strong team leadership and project management skills
- Expertise in managing large-scale infrastructure
- Expertise in deployment and continuous integration and deployment process
- Expertise with large architectural design web services, performance tuning, cloud security hardening
- Solid technology background and vast knowledge in multiple roles: Backend, DevOps, SRE, SDET
- 4-years working experience in Data Warehousing and performance tuning (Teradata, MySQL, DB2, Postgres, Oracle) + 1-year experience with NoSQL (MongoDB)
- 5-years experience in the financial service industry

TECHNOLOGY

- Databases: Postgres, SQLite, mongo, DB2, Teradata
- DevOps: Cloudformation, Terraform, Kubernetes, Docker, Helm
- Languages: Python, Ruby, Bash, Go
- Testing: Jenkins, CircleCI, Selenium
- Monitoring: Datadog, Graphite, ELK stack, Prometheus, Grafana
- Web stacks: Django, Rails, flask, Redis, Kafka, Cassandra

EXPERIENCE

Sr. Cloud Infrastructure Engineer, Cisco System Inc (San Jose, CA May 2019- Present)

Working on a new Cisco flagship product DNA Center, a network management solution for Cisco's enterprise customer.

- Developing automation pipeline for Integration/Deployment of Kubernetes clusters
- Developing developer tools to improve team productivity
- Leading effort to upgrade pipeline performance and significantly reduce deployment issues

CTO and Co-Founder, getpallet.com (Sunnyvale, CA June 2017 - Present)

Pallet is an alternative investment platform utilize technology and makes alternative investments available to people who interested in high yield fixed income.

- Creating a software company from idea to a business with limited resource.
- Design AI and machine learning for credit risk assessment and investor profiling.
- Creating an investment platform focusing on alternative investment.
- Building business partners on both investments and real estate developers.
- Building strategic partnership, marketing, and business development plan.

Sr. Infrastructure Engineer, Matterport (Sunnyvale, CA April, 2017 -May, 2019)

Matterport is the most advanced 3D camera with end-to-end services for creating, experiencing, and changing cloud-based immersive 3D models of real spaces.

- Create and maintain fully automated CI/CD pipelines for deployment with Jenkins.
- Implement infrastructure-as-a-code with cloud formation, migrate the legacy system to Kubernetes.
- Design and implement continuous deployment pipeline, automated deployment on each code commit.
- Leading team members and contractors to bring best in class DevOps with an agile methodology.
- Lead afford for reducing core infrastructure cost by 30% with immutable architecture.
- Reduce deployment time from 2 hours to 2 minutes without downtime.
- Implement image processing pipeline with AWS Batch and spot-fleet instances.

Sr. Software Engineer, Exablox Inc (Acquired by Storage Craft) (Sunnyvale, CA Sep 2012 - March 2017)

- Work as backend and infrastructure lead for OneSystem team. The cloud dashboard for on-premise data storage (OneBlox).
- Implement workflow for exchange high sensitive data using cryptography.
- Develop reporting/syncing mechanism on OneBlox that provides data for monitoring and reporting on a web server in real-time.
- Develop APIs for managing FileSystem, and monitor the result via pub/sub mechanism.
- Build web-server and tools for the customer support team to generate secure ephemeral ssh reverse tunnel to Oneblox on-prem data storage.
- Built an analytic server from scratch, a data warehouse that collecting OneBlox performance and historical data.
- Develop Rest API for generating monitoring system, detect anomaly, alarms and notification system.
- Manage scrum, bugs, and deployments.
- Involve in the technical review of the enhancements/changes implemented.

QA Automation Engineer, Socialize, Inc. (Acquired by ShareThis, Inc) (San Francisco, CA Jun 2011 – Sep 2012)

Automation QA Engineer and Web developer at Socialize, a social platform for mobile application with 10M users around the world with 8M requests per day, helped developers make their apps easily become social, boosted their download, and increased users' activity. My responsible areas were website development and testing, API integration, Mobile integration testing and also developed an auto deployment process. I was the only QA for this project and worked closely with 4 other engineers. Socialize got acquired by Sharethis Inc on 2013.

- Built a continuous integration test for API and website.
- Developed private SDKs for the website to consume data from private API endpoints.
- Searched, tracked and fixed all bugs in the system including API, Website and SDKs.
- Generated Socialize's user influential score based on user interaction with the platform.

EDUCATION

University of San Francisco, San Francisco, CA

2009 - 2011 M.S., Computer Science with an Emphasis in Entrepreneurship

King Mongkut's Institute of Technology Ladkrabang, Bangkok, Thailand

2002 – 2006 B.E., Information Engineering