

Karthikeyan Govindaraj

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Profile

Currently a Kubernetes DevOps Engineer passionate on DEI with high velocity of deliverables in the line of extending Kubernetes and architecting container-native solutions with Open Source First mindset. Looking for the Container, Cloud and Cloud Based challenges with the Open Source first approach.

Certified Kubernetes Administrator and Kubernetes Cloud Native Associate.

Professional Background

Lead Engineer (SRE) / Vice President BlackRock, San Francisco, CA

9/2016 – present

- Architecting the opinionated self-service onboarding platform for multi-tenant Kubernetes hybrid clusters.
- Designing the “zero-to-kubeconfig” solutions for teams to use enterprise clusters.
- Plays a significant role in hardening the enterprise Kubernetes clusters.
- Responsible for delivering the architecture for an opinionated AuthNZ platform for the Aladdin APIs, exposed to end clients.
- Responsible for delivering the container-native Data Servicing Platform for Quantitative Researchers of BlackRock.
- Heading the Inclusive Language Council at BlackRock where the "Inclusivity" is brought into code by eliminating the non-inclusive language
- *Kubernetes*, AKS, OpenShift, TKGi, Docker, OpenSource, GoLang, Serverless frameworks, Terraform, gRPC

Lead Performance Engineer/ Sr. Associate Toyota, Los Angeles, CA

5/2016 – 9/2016

- Responsible for delivering a new platform for managing and designing the accessories to Toyota's Corporate Accessory Department (CAD).
- Additionally, serving as a tech lead for improvising the performance of the CAD's existing accessories portal, which was designed with JSF and had complex tree mappings at multiple levels.
- Implemented multiple Executor service to achieve the accepted SLA for each screen.
- Engaged with stake holders to understand the depth of the problem and designing the solution.
- Java, Hibernate, Oracle 11g

Systems Engineer Development Northern Trust Corporation, Chicago, IL

3/2015 – 5/2016

- Responsible for managing multiple projects in parallel through on-shore/off-shore model.
- Accountable for Architecture, Design, development, and delivery of Private Equity Desktop, Investment Operations Outsourcing (Bank Loan) platforms, Capital Call Execution and Cash Distribution platforms. Lead a team of three people at offshore for developing PE Desktop tool.
- Additionally, served as Onsite Coordinator for the project after moving to Chicago in March 2015.
- Designed the batch orchestrator for end-of-day reporting.
- Sitting with business and understanding the needs and gathering requirements.
- Reviewing the design and coding standards
- Java, Struts, Spring, Apache Ant, Oracle 10g

Systems Engineer Development
Northern Trust Corporation, Chennai, India

2/2012 – 2/2015

- Responsible for developing multiple modules and unit tests of the "Global Treasury Management" application.
- Published project status for implementation and system testing.
- Created sequence diagram to depict process flow.
- Responsible for a reconciliation project for the "Global Platform for London Alternatives" tool which is mainly designed to batch orchestrate the complex stages based on the trades arriving from London users.
- Responsible for delivering an end-to-end platform called "File Extract" for extracting the non-structured data to automate and speed up the workflow for the time-sensitive processes of APAC Clients. Executed the complete project based on the TDD model.
- Responsible for developing multiple modules and unit tests of the "Global Treasury Management".
- J2EE, Spring, Struts, Hibernate, JSP, Oracle10g, POI Frameworks, Jasper Reports, Weblogic, Rapid SQL, Eclipse IDE, AJAX Query

Education

Degree: Bachelor's Degree (4 Years)

Course: Computer Science and Engineering

Certifications

- Certified Kubernetes Administrator (CKA)
- Kubernetes and Cloud Native Associate (KCNA)
- Credly: <https://www.credly.com/users/gkarthiks>

Social Profile

GitHub: <https://github.com/gkarthiks>

Medium: <https://gkarthiks.medium.com>

Twitter: <https://twitter.com/gkarthiks>