

# Karthikeyan Govindaraj

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## Profile

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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.*

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## Professional Background

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### **Lead DevOps Engineer / 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

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**Education**

**Degree:** Bachelor's Degree (4 Years)

**Course:** Computer Science and Engineering

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**Certifications**

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

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**Social Profile**

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

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

**Twitter:** <https://twitter.com/gkarthics>