Sudhindra Rao

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Twitter: @sudhindraRao, **LinkedIn: sudhindraRao**

- Experienced Engineer with a keen sense of building what a team needs - software and culture.
- Experienced with building applications for - healthcare, media, voter campaigning.
- Experienced in building real distributed systems on different Cloud systems as well as standalone
- I like to do hands on work while teaching and have been successful in developing teams with sustainable/continuing learning culture.
- In healthcare, I have built a large scale diabetes datalake at Glooko.
- Most recently I have been building a kubernetes platform(VMware Tanzu) which removes the Ops from kubernetes

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Education

2003-2007	**PhD Candidate, Computer Science**; University of Cincinnati
	Thesis title: Distributed data replication and data availability in loosely connected systems
2000-2003	**Master of Science, Computer Engineering**; University of Cincinnati
1997-1999	**Master of Technology, Electrical Engineering**; IIT Bombay

Experience

VMware 2020 - Present

Software Delivery Lead

- Building a kubernetes platform(Tanzu Kubernetes Grid -TKG) that is easy to maintain and upgrade
- Building a better organization with simple team principles of feedback and sustainable pace
- Engineering for maintainability over building the perfect solutions
- Managing team delivery schedules
- Providing architecture and continuous delivery process direction

Pivotal Software 2018 - 2020

Software Delivery Lead

- Bridging the gap between development and delivery for Pivotal Container Service(PKS) now VMware Tanzu
- Increasing visibility of code and its flow through the system
- Creating mentorship opportunities for people around me
- Building a better organization with simple team principles of feedback
- Engineering for maintainability over building the perfect solutions.

- Build CI/CD practice for building complex component integrations
- Built a Release Engineering process/practice for traceable delivery

Sahaj Software 2017 - 2018

Solutions Consultant - Data Management and Machine Learning

- Building Data intensive applications
- Using Machine Learning to help making decisions
- Applying Blockchain for non-traditional use cases.
- Building a DevOps and Continuous Delivery Practice

Glooko Inc. 2015 - 2017

Principal Software Engineer/Engineering Manager

- Built a platform that aggregates and analyzes Billions of diabetes related data points - one of its kind in the industry
- Built an organization around building HIPAA and FDA compliant Device software
- Hired and trained the frontend/mobile app development teams
- Developed Continuous Delivery culture
- Integrated with the world's best AI system to data analytics
- Built and delivered processes around security of data and patient safety
- Built a culture around better leveraging UX teams
- Engaged and developed an employee review process to reflect the culture and goals of the company
- Consistently delivered features in a highly regulated environment with high quality and auditability
- Developed team confidence and culture around making decisions - product as well as engineering

ThoughtWorks Products 2011 - 2015

Lead Developer on Mingle

- Lead for implementing ElasticSearch based search for the installed version of Mingle
- Lead on the team for moving Mingle from installed to be cloud-based Saas solution
- Promoted and leveraged AWS ElasticBeanstalk for trouble-free continuous delivery
- Developed unique interfaces to Mingle with IOT and AI

Notable publications

- **My Ruby Story (Podcast) - on Ruby Rogues**
- **Mingle, 10000 tests and a CD pipeline on JRuby (Podcast) - on Ruby Rogues**
- **EbDeployer - Automate your deployments with ElasticBeanstalk - ThoughtWorks Insights**
- **How Mingle built its ElasticSearch cluster on AWS - ThoughtWorks Insights**
- **How we moved to the cloud - ThoughtWorks Insights**

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