mike roberts

software engineering leader

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I am a software leader with two decades experience managing and growing cloud platforms and software as a service products.

I am active proponent of building scalable, well tested, service oriented architectures. I have led the development numerous platforms over my career, in a variety of languages ranging from the terrible (PHP 5) to the sublime (Scala). I champion moving quickly and smartly. I have taken multiple products from slow, buggy, waterfall to fast, agile, daily releases.

I have run everything from focussed, techincal tiger teams to entire engineering organizations with dozens of ICs and line managers.

experience

Indigo Agriculture
Charlestown, MA
2019 - Current
Principal Engineer (Manager and Architect)

I manage Indigo's back office settlements team. We have pioneered high availability, 24/7 uptime services at Indigo. As one of Indigo's architects I introduced reactive patterns and built a widely-used message bus to asynchronously connect our microservices.

Salsify
Boston, MA
2016 - 2019
Principal Engineer (Manager)

At Salsify I led the platform services team, developing the shared infrastructure and code used by Salsify's application teams. Notable accomplishments include building an asynchronous job system and the first wave of Salsify's GraphQL APIs.

TripAdvisor Vacation Rentals
Boston, MA
2015 - 2016
Principal Engineer

Ported legacy FlipKey and Holiday Lettings property management systems to newly designed, unified system.

Leaf Holdings
Cambridge, MA
2013 - 2015
Software Engineering Manager (Director)

I lead both the Android and platform teams, enhancing the existing proof-of-concept to scale to 100k transactions per second. I hired dozens of engineers including a fully remote team in Istanbul. I worked with my engineers to design a distributed, eventually consistent data-store co-homed on our Android tablets in the field and on AWS.

Smarter Travel Media
Charlestown, MA
2009 - 2013
Software Engineering Manager (Director and Architect)

Built and lead the Tingo team, spinning up a new online travel agency in 9 months. Led hiring across the STM engineering organization. Ran the architectural review board.

Cisco Systems
Burlington, MA
2005 - 2009
Software Engineering Manager

Designed and built a database system as part of WebEx's SaaS offering.

education

Worcester Polytechnic Institute
- BS Theatre
- BS Computer Science

skills

expert
- Scala
- Java
- Ruby
- Python
- GraphQL
- MySQL
- Postgres
- Kafka
- Redis
- Maven
- SBT
- git

experienced
- Javascript
- PHP
- C# / .NET
- SQL Server
- Kubernetes
- AWS
- Terraform
- Puppet

faq

Star Trek or Star Wars?
- Star Trek

Marvel or DC?
- DC

Vim or Emacs?
- Vim

Narnia or Middle Earth?
- Middle Earth

Kanban or Scrum?
- Kanban, but every team is different

Kirk or Picard?
- Janeway