

# mike roberts

software engineering manager

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I am a passionate and highly motivated engineering manager with over 20 years of experience leading successful infrastructure teams. I have a proven ability to manage high-functioning teams and deliver high-quality software through rapid development cycles. I am adept at driving product and technical vision, executing complex projects, and fostering cross-functional collaboration to achieve strategic goals.

I am an expert in systems architecture and high-performance applications, strongly focusing on CI/CD processes and release automation. I am known for providing constructive and positive feedback and empowering my teams to innovate and excel with minimal direction. I am highly skilled in navigating technical complexity and ambiguity, quickly learning new technologies, and adapting to changing environments. I am committed to fostering a culture of continual improvement where engineers grow as leaders and technical experts.

## experience

**CarGurus** Cambridge, MA  
Senior Manager of Algorithmic Traffic Acquisition 2021 - present  
I own the CarGurus teams for recommendations, ad partner integrations, and ATA devops. My recommendations team owns a high-performance (sub-25ms budget) recommendation stack from code to infrastructure responsible for 26% of CarGurus' revenue. My devops team manages an async jobs system that bids on hundreds of millions of ads hourly across our advertising partners.

**Indigo Agriculture** Charlestown, MA  
Principal Engineer (Manager and Architect) 2019 - 2021  
At Indigo, I managed the back office settlements team and led the way in pioneering high availability and 24/7 uptime services. As one of Indigo's architects, I introduced reactive patterns and built a widely used message bus to connect our microservices asynchronously, dramatically increasing the throughput of financial settlements.

**Salsify** Boston, MA  
Principal Engineer (Manager) 2016 - 2019  
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  
Principal Engineer 2015 - 2016  
I ported legacy FlipKey and Holiday Lettings systems to a new unified system.

**Leaf Holdings** Cambridge, MA  
Software Engineering Manager (Director) 2013 - 2015  
I led the Android and platform teams, enhancing the existing proof-of-concept to scale to 100k transactions per second. I designed a distributed, eventually consistent data store co-homed on our Android tablets and on AWS.

**Smarter Travel Media** Charlestown, MA  
Software Engineering Manager (Director and Architect) 2009 - 2013  
Built and led the Tingo team, spinning up a new online travel agency in 9 months. I led hiring in the STM engineering organization. I ran the architectural review board.

## education

Worcester Polytechnic Institute

- BS Theatre
- BS Computer Science

## skills

### expert

- Kotlin
- Java
- Ruby
- Postgres
- MySQL
- Kafka
- Gradle
- AWS
- git
- Terraform

### experienced

- Scala
- Python
- Javascript
- Redis
- SQL Server
- Kubernetes
- Packer
- Puppet
- Maven
- SBT
- GraphQL

## 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