

# Tejas Kumthekar

Fullstack Software Developer, Chicago, IL (Open to relocate)

MS, Computer Science, Indiana University Bloomington (May 2017)

[me@tejaskumthekar.com](mailto:me@tejaskumthekar.com) <https://github.com/tk26> <https://www.linkedin.com/in/tejaskumthekar/>

## WORK EXPERIENCE

### **Expedia Group, Chicago, IL** *Software Development Engineer 2* JUNE 2017 - PRESENT

*Project Osprey* (Kafka, Java Spring Boot, AWS - Kinesis, SQS, Aurora Postgres, DynamoDB, Kubernetes)

- Designed and co-led the development of a real-time data streaming platform to transport 10M+ users from Egencia to Salesforce Cloud.
- Extended the system to customer support requests streaming across multiple internal applications.
- Co-wrote a distributed scheduling library. (Pending Open source)

*Project Traveler Risk Management* (Postgres, RabbitMQ, DynamoDB, S3, Backbone.js, LokiJS)

- Built a global traveler tracker which listens to the trip updates in real-time and synchronizes map and tabular reports on the client using an in-memory backend store.
- Used by Expedia Business Travel clientele and the Crisis Management team for Duty of Care ops.
- Supervised 10+ engineers working on the system during COVID-19 phase.

*Cross-organizations and Open Source projects* (React, Node.js, TypeScript, GraphQL, Kotlin, Lighthouse)

- Member of a cohort working on GraphQL and React adoption into the Egencia ecosystem.
- Architected *Google Lighthouse library* as a service over the CI - used by 8+ frontend teams across Egencia. Elected as a platform standard for running performance tests on web applications.
- Maintainer of *Dr Shadow* Open source library - <https://github.com/ExpediaGroup/dr-shadow>
- Contributor to *GraphQL Kotlin* Open source library <https://github.com/ExpediaGroup/graphql-kotlin>
- Implemented a business travel abstraction layer on top of Expedia Group geography system.

*Global Homepage Team* (Java Spring Boot, Backbone.js, Elastic MapReduce, Python, DynamoDB)

- Created UI components, backend services and ETL scripts using Elastic MapReduce.

*Miscellaneous - DevOps* (Terraform scripting, Writing Jenkins libs) and *Observability* (Datadog, Kibana)

### **Bloom Insurance Agency, Bloomington, IN** *SDE Intern* MAY 2016 - MAY 2017

- Built RESTful APIs in C# to power MVVM Apps written with Xamarin and MvvmCross.

### **Pollican, Mumbai, India** *Co-founder* JAN 2014 - JUNE 2015

- A web based Survey platform with a SaaS delivery to conduct surveys and embed analytics.

## OTHER

### **GRE Maths Shortcuts, Mumbai, India** *Founder* MAR 2014 - PRESENT

Created the content and organically grew a Facebook page to 22K followers across 35+ countries.

### **Thumb - A social ride-sharing platform** DEC 2017 - AUG 2018

Mobile apps built with React Native - <https://github.com/tk26/thumb-expo-2>

Web App built with React and Semantic UI - <https://github.com/tk26/thumb-webapp>

Backend built with Node.js (with Express), Neo4j and MongoDB - <https://github.com/tk26/thumb-api>