

Aditya Keerthi

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SKILLS

Languages • Objective-C / Swift / Ruby / Python / C++ / JavaScript / SQL
Technologies • iOS / Rails / MySQL / Node.js / Flask / GraphQL / MongoDB

EXPERIENCE

Software Developer • Shopify • Winter 2017

- Wrote **GraphQL** APIs in **Ruby** to deliver custom insights to **370K** merchants
- Implemented click tracking, storing data in **MySQL** and emitting **Kafka** events
- Optimized **SQL** queries via indexing to reduce feed load times up to **10%**
- Leveraged **parallelism** and **sharding** to backfill large amounts of data

iOS Developer • Kik • Summer 2016

- Led iOS development on the Community team, impacting **300M** users
- Used **Core Data** to develop group management and permission controls
- Improved time taken to block users by **25%** by optimizing **NSPredicate** queries
- Worked on **asynchronous** queue-based presentation system to support bans

iOS Developer • Scotiabank • Summer 2015

- Used **Objective-C** and **UIKit** to create an app to keep track of clients and leads
 - Created **UICollectionView** with support for concealable and sticky headers
 - Reduced memory leaks and improved performance using **Instruments**
 - Interfaced with Salesforce data and **REST** APIs in a **multithreaded** environment
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PROJECTS

pxl8

- CHIP8 emulator written in **Swift** and developed for **macOS**

Flattn

- URL shortener created with **MongoDB**, **Express**, **AngularJS** and **Node.js**

Pipio

- **iOS** application that performs sentiment analysis on top tweets for hashtags
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EDUCATION

University of Waterloo • Bachelor of Software Engineering • 2015-2020

INTERESTS

Film / Trivia / Cooking / Basketball / Rocket League / Nintendo