Syam Sundar Kirubakaran

+1 (949) 687-6739 • k.syamsundar21@gmail.com • linkedin.com/syamsundark • https://syam.work

---

Education *[Computer Science Major]*

University of California, Los Angeles (UCLA)   *Sept 2022 - Dec 2023*
- Master of Engineering, Computer Science, 3.93 / 4

Anna University, India   *June 2015 - April 2019*
- Bachelor of Engineering, Computer Science and Engineering, 8.32 / 10

Professional Experience • *[Android Developer]*   *[Professional Experience: 4+ years]*

Yahoo! Inc • Software Apps Engineer • website • linkedin   *Jan 2024 - Present*
- Played a significant role in **11.0 launch** which is an **Overall Redesign of the Fantasy Android App** (**10M+ downloads**). Worked on a number of features on Fantasy Android including **Real-Time Scores Page** for all major US leagues and **Major Refactoring of Match-Up Page -** which drives **most revenue and traffic (handles ~70M requests per second during peak NFL) for Yahoo! Fantasy**. Other contributions include Stats breakdown & Compose UI for Yahoo Design Playbook for android.

Furlenco • Senior Software Engineer • website • linkedin   *June 2019 - July 2022*
- Led the development of Furlenco Android App which has **1M+ downloads** and contributed to an aggregation service called CIA that serves **~1M requests per hour**. Developed and launched **20+ features** including: Upfront payments which **increased customer retention by 60%** and **ARPU by 30%**. Redesigned autopay flow which **increased sign ups by 3x**. Built the network layer of server-driven KYC (Know Your Customer) that led to **80% decrease in time to completion**. Responsible for application architecture, drafting API contracts, ensuring production stability, performing code reviews and monitoring A/B tests. Leadership in guiding interns, hiring and scaling up the team.

Google Summer of Code '19 • Software Engineering Intern • report • github   *May 2019 - Aug 2019*
- Developed a Language Server for Processing programming language using Language Server Protocol which provides rich IDE features such as Autocompletion, Code Diagnostics, Goto Definition, etc. This will power the new Processing's development environment which is expected to have **~100K active developers**.

Google Summer of Code '18 • Software Engineering Intern • report • github • docs   *May 2018 - Aug 2018*
- Developed an Augmented Reality renderer that renders virtual objects over real-time camera image. AR apps that use this library notice a **10x reduction in lines of code written** compared to standard AR apps with the same functionality.

Noteworthy Projects • github.com/SyamSundarKirubakaran

Furlenco Lens *(Inspired by Google Lens)* • demo   *Jun 2022 - Aug 2022*
- Provides product recommendations from Furlenco's Product catalog based on things in the camera image. **Used by senior management during investor pitches** to showcase Furlenco's forward-looking tech.

Serverless Twitter *(Social Media Platform)* • github   *Jun 2020 - Aug 2020*
- Rebuilt twitter using Serverless Architecture - this architecture **reduces server cost** through on-demand service instances as opposed to traditional microservices that have pods running almost always. This project was **starred and endorsed by the founder and CEO of Serverless Framework**.

Skills

- **Familiar Frameworks / Tools** : Git, RxJava, Coroutines, Compose, Popular Jetpack libraries, Nodejs
- **Programming Languages**   : Java, Kotlin, C++, Python
- **Familiar Domains**   : Backend, NLP, Infrastructure and Cloud Architecture (AWS)