

Mohammad Shuaib Jewon

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RELEVANT ENGINEERING EXPERIENCE

Quizlet (Flashcard app + AdTech) New York, NY, USA

Senior Software Engineer, Ad Technical Lead (5 direct reports) Sept 2020 – Current

- Responsible for programmatic monetization on web app (JavaScript) serving over 1B page views yearly. This includes Amazon's apstag product
- Implemented novel dynamic flooring algorithm (Python) including GAM unified pricing rules boosting programmatic revenue by 5%
- Routinely work with PMs and exec to map out future work and where business is heading

Slader (Homework Help + AdTech) New York, NY, USA

Lead Software Engineer, AdTech (3 direct reports) May 2019 – Aug 2020

- Responsible for programmatic monetization code in iOS (Swift), Android (Kotlin), and web (JavaScript) apps + management panel (Python) + API server (Golang) serving 150M page views yearly
- Led development of custom header bidding wrapper including support for Amazon's apstag product (think Prebid.js and Prebid server from scratch)
- Led development of dynamic flooring algorithm (Python) where we dynamically floor ad partners on the publisher side to eek out more revenue
- Contributed to aggregating revenue data from multiple sources into a single dashboard allowing Slader to only require 1 full-time revenue analyst on staff

Lead Mobile Developer (2 direct reports) Jul 2018 – May 2019

- Built custom iOS & Android header bidding library supporting multiple monetization partners which increased in-app revenue roughly by 20%
- Built custom server in Golang to offload real-time header bidding process from client to server leading to a 50% improvement in ad-serving times on mobile devices with slow internet connections
- Hired and oversaw work of a mobile dev responsible for building Slader's Android App written in Kotlin
- Oversaw and contributed to automating app deployment and testing with fastlane

iOS Developer Nov 2017 – Jul 2018

- Acted as PM to help executives make data-driven decisions as to which features to implement next
- Improved and maintained [Slader's iOS app](#) (2M users, 30M sessions yearly) written in Swift

Waave (Ride Sharing Application) New York, NY, USA

Full Stack Developer (Web & Mobile App) Jul 2017 – Oct 2017

- Collaborated with UI designer to build rider and driver MVP on iOS (solo) and Android (+1 intern)
- Assisted senior backend dev with improving ride booking latency through caching driver locations
- Hired and oversaw work of an Android dev intern responsible for designing Android apps layouts

EDUCATION

New York University New York, NY, USA

B.A. Computer Science (*cum laude*) GPA: 3.7/4.0 May 2017

Dean's List for Academic Year (2015, 2016), University Honors Scholar (2017)

Saint Peter's University Jersey City, NJ

M.S. Data Science GPA: 4.0/4.0 Feb 2022

MISCELLANEOUS

Received a [researcher acknowledgement](#) from Microsoft for reporting an XSS vulnerability 2012