

# Ronak Shah

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## EDUCATION

### CLARK UNIVERSITY

BACHELOR IN COMPUTER SCIENCE,  
MATHEMATICS

Grad. May 2017 | Worcester, MA  
Dual Major; completed in 3 years  
Magna Cum Laude

### LA MARTINIÈRE FOR BOYS

HIGH SCHOOL DIPLOMA

Grad. May 2013 | Kolkata, India  
Conc. in Computer Science and  
Mathematics

## LINKS

Github:// [ronakshah94](#)  
LinkedIn:// [ronak-shah](#)  
Facebook:// [ronak.shah.775](#)  
Quora:// [Ronak-Shah-8](#)

## COURSEWORK

### UNDERGRADUATE

Algorithms  
Advanced Algorithms  
Automata Theory (TA)  
Programming Languages  
Software Engineering  
Natural Language Processing  
Machine Learning  
Robotics  
Linear Algebra  
Probability  
Stochastic Modeling  
Linear Models  
Topics in Statistics  
Multivariate Calc. (TA)  
Intro. to Analysis (TA)  
Abstract Algebra

## SKILLS

Technical:

Java • Python • C++  
PHP • Hack • React  
Git • MySQL • C  
Objective-C • C#

Node.js • Javascript • Mercurial

General:

Tech Lead • Mentorship  
Project management • Interviewer

## EXPERIENCE

### FACEBOOK (META) | SENIOR SOFTWARE ENGINEER

July 2020 - Present | New York, NY

Instagram Profile

- Tech lead for the IG Profile team of 5+ engineers
- Reduced profile header latency by 4%
- Oversee compute reduction for the surface

Branded Content

- Leading development of creator tooling for brand partnership content
- Improved branded content ad inventory by 65% from 2M+ content creators by revamping UI in React.js
- Leading development of 3rd-party tooling to facilitate brand partnership content creation on Facebook app

Facebook Stars

- Leading development of an alpha launch to a new co-hort of creators to inform go to market at scale
- Led development of core Stars eligibility infrastructure to support eligibility for 60M+ content creators
- Optimized Stars eligibility infrastructure to reduce compute footprint

Bulletin.com

- Led development of off-platform premium access, a feature to support 150+ subscribers to receive premium content on Bulletin.com without having to pay via FB-pay
- Developed feature to allow Bulletin creators to customize text on their premium content paywall
- Developed subscriber insights tool to allow Bulletin creators to gain deeper insights into their subscriber base. Full stack feature was complete with ability to search, filter, sort, and batch downloads of subscriber lists
- Led sprints to brainstorm, organize, and implement small-scale features to aid premium subscriber growth for Bulletin creators
- Led growth analysis of premium and free subscribers to find and validate product market fit for Bulletin
- Developed and maintained free and premium subscription flows on Bulletin.com

News Subscription Linking

- Led the design and development of API to facilitate news subscription linking for 6M+ users
- Led privacy safeguards design and implementation to meet user privacy requirements & data protections compliance
- Developed and maintain in-app paywalls in news articles
- Prototyped and shipped multiple subscriber-only benefits for news subscription linking

### FACTSET RESEARCH SYSTEMS | SOFTWARE ENGINEER

July 2017 - June 2020 | New York, NY

- Prototyped and embedded fixed income models in Python in a C++ codebase
- Developed the backend calculation engine for fixed income product offerings in C++
- Developed internal code auditing tools in Python, C++, Flask
- Revamped internal mortgage data tool in Python