Ronak Shah

ronakshah94.github.io
ron94.s@gmail.com | (508)-414-8538

EDUCATION

CLARK UNIVERSITY
Bachelor in Computer Science, Mathematics
Grad. May 2017 | Worcester, MA
Dual Major; completed in 3 years
Magna Cum Laude

LA MARTINIERE 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%
- Drove 2% compute efficiency improvement on Profile
- Unlocked GraphQL adoption on the Profile codebase

Branded Content
- Led 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

Facebook Stars
- Led development of an alpha launch to a new co-hort of creators to inform go to market at scale
- Unlocked 300m+ creator monetized Reels inventory
- Led development of core Stars eligibility infrastructure to support eligibility for 60M+ content creators
- Drove 1% efficiency improvement for core Stars eligiblity framework

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