Ankit Gupta

New York, NY | LinkedIn://ankit-gupta-

WORK EXPERIENCE

NOTION | Software Engineer   New York, NY | October 2023 – Present
- Software engineer on the Trust Engineering team.

CASH APP | Software Engineer   New York, NY | April 2021 – August 2023
- Proactively prevented account takeovers by leading engineering efforts to build a Device Manager.
- Increased reliability of the team's data streams and allow for transactional processing from DynamoDB to other Cash services and monitoring applications.
- Built support for passwords, SMS OTP codes, and TOTP apps in Cash App to meet IRS requirements for Cash App Taxes, used by over 3 million customers.
- Enhanced account security by leading the engineering effort for new device login notifications; this results in more than 4 million security notifications being set out per month.
- Supported the company-wide effort of moving out of a monolith and towards microservices by successfully completing a data migration out of legacy data centers and into AWS DynamoDB.

MICROSOFT | Software Engineering Intern   Redmond, WA (Remote) | May 2020 - August 2020
- Designed a REST API to enable Managed Identity on Azure Stream Analytics (ASA) jobs.
- Automated an identity authorization process on ASA jobs with Blob inputs or Event Hub outputs.
- Added authentication feature estimated to have generated $1.5 Million in calendar year 2021.
- Collaborated with a PM to write public documentation on how to enable managed identity for ASA jobs.
- Organized and led a team discussion on 13th, a documentary about prison labor, in honor of Juneteenth.

SQUARE | Software Engineering Intern   San Francisco, CA | May 2019 – August 2019
- Proved the viability of and developed a plan for integrating weighing scales into the Android Point of Sale (POS).
- Wrote a design document to effectively communicate and get feedback on a plan to .
- Communicated with an external vendor to coordinate details for integrating their product into Square POS.
- Designed and built an API using RxJava that read data from scales and then provided it to other teams at Square.
- Implemented a user interface that displayed available weighing scales to merchants.

WASHINGTON UNIVERSITY | Head Teaching Assistant & Tutor   St. Louis, MO | Jan 2018 - Dec 2020
- Manage a team of 100+ teaching assistants (TAs) and a class of 400+ students.
- Host recitation sessions and exam review lectures to help students review course material.
- Write weekly studio exercises, lab assignments, quizzes and provide adequate training on them to TAs.

CROSSBEAM | Software Development Intern   Philadelphia, PA | May 2018 – August 2018
- Utilized D3 to construct network graphs to highlight business-to-business (B2B) partnerships.
- Implemented a Python Flask, PostgreSQL, REST API backend and Vue.js, Bootstrap frontend for a website that tracks B2B partnerships.
- Worked extensively on Search Engine Optimization (SEO) using Vuex and Nuxt.js server-side rendering.

EDUCATION

Washington University in St. Louis   St. Louis, MO | August 2017 - December 2020
B.S. in Computer Science | Second Major in Economics
Honors: Cum Laude, Distinction in Economics, Dean's List

SKILLS

Languages: Kotlin, Java, SQL, C#, Python, JavaScript   **Databases:** DynamoDB, MySQL, PostgreSQL
Technology: Git, Apache Flink, Guice, AWS, Figma   **Monitoring:** Snowflake, SignalFX, Datadog, Sentry