

Ankit Gupta

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WORK EXPERIENCE

NOTION | Software Engineer

New York, NY | October 2023 - Present

- Managed two interns and guided them to ship production systems for device management and content moderation.
- Led a team of engineers on supporting WebAuthN to drive login time down by 60% and reduce credential stuffing attacks by 30%.
- Integrated authentication services & session management from multiple products into one unified system.
- Matured Notion's customer identity system by supporting multiple emails per account, driving login tickets down by 20%.
- Achieved compliance for Notion's Data Retention Policy by identifying and deleting dormant accounts at scale (~7M user accounts).
- Developed AI Agent workflows for rollout monitoring, bug triage, and alert triage, reducing operational overhead by 50%.

CASH APP | Software Engineer

New York, NY | April 2021 - August 2023

- Led engineering work on Device Manager to proactively prevent account takeovers.
- Improved reliability of data streams and transactional processing from DynamoDB.
- Built support for passwords, SMS OTP codes, and TOTP apps for Cash App Taxes, used by over 3 million customers.
- Developed login notifications; more than 4 million notifications sent per month.
- Completed 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 jobs.
- Automated identity authorization for Azure Stream Analytics jobs.
- Added an authentication feature estimated to have generated \$1.5 million in FY2021.
- Collaborated with a PM to write public documentation for enabling managed identity on Azure Stream Analytics 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 integrating weighing scales into the Android Point of Sale.
- Coordinated with an external vendor on integration details for Square POS.
- Designed and built an RxJava API that read scale data and exposed it to other teams.
- Implemented an interface that displayed available weighing scales to merchants.

CROSSBEAM | Software Development Intern

Philadelphia, PA | May 2018 - August 2018

- Full stack engineer.

EDUCATION

Washington University in St. Louis

St. Louis, MO | August 2017 - December 2020

B.S. in Computer Science. Second major in Economics. Cum Laude. Distinction in Economics. Dean's List.

Horace Mann School

Bronx, NY | Class of 2017

High school.

SKILLS

Languages: TypeScript, Kotlin, Java, SQL, Python.

Technology: Git, Airflow, AWS, Remote Agents, LLM Skills.

Data: PostgreSQL, DynamoDB, Snowflake, Splunk, Honeycomb, Sentry.