

Samuel Levin

Senior Software Engineer

San Francisco, California

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TL;DR

Senior Software Engineer with 7 years of experience designing, leading, and delivering on large scale distributed systems. Excited to help implement or scale your next end-to-end system, from back end services to user facing features.

Work Experience

Credit Karma

Senior Software Engineer

Oakland, CA

January 2019 - June 2025

Feature Platform Team

- Led flex template migration of critical dataflow pipelines ingesting TBs of feature data for 140 million users on daily or less cadence.
- Proposed, designed and implemented a new composer environment for Airflow workflows. Improved data pipeline stability and reduced operational overhead.
- Developed new Terraform/Terragrunt infrastructure for Vertex, Composer and other GCS resources. Reduced reliance on manual control panel changes for critical infra.
- Designed and implemented a new safe fact deletion flow and pipeline, allowing quick response to data incidents.

Data Bridge Team

- Helped design and build edge services and GCP infrastructure allowing Intuit to start sharing data with CK after acquisition.
- Scaled for peak 3.5k RPS, matching 50 million CK members from a total of 170 million intuit members continuously shared over the bridge.

Credit Karma Money Team

- Designed and implemented offline network tracking, peak 600 RPS of mint data.
- Worked with product teams to design user total network logic with fallbacks.

Offer Creation Platform Team

- Built and maintained a complex react app for creating, modifying, and viewing credit cards and offers shown within Credit Karma.
- Worked on a graphql gateway for handling changes to these offers and routing to the correct services.
- Built and scaled scala services deployed on kubernetes, requiring high uptime with extensive monitoring and failover.
- Worked on internal SDKs allowing services to use packaged scala code through sbt dependencies.

Serena and Lily

Full Stack Developer

Sausalito, CA

March 2018 - December 2018

- Worked with multiple teams to move entire ecommerce development inhouse
- Updated deprecated front end libraries and development process
- Started the transition to CommonJS controllers from deprecated Salesforce Demandware Pipelines
- Integrated new analytics, AB testing, and integration testing applications

Microsoft

Intern Software Engineer

Dublin, Ireland

Summer 2015

- Shadowed dev teams in a group working on a CMS (content management service) for MSN news
- Main technologies were TypeScript/Angular/AJAX
- Single Page Angular-js site, that used a c# middle tier to deal with certs and calls to the Backend SQL database
- Worked on a local build of the site and have an accepted code merge onto the production branch of their TFS version control server

Education

Goucher College

B.A. Computer Science Major, Mathematics Minor

Baltimore, Maryland

Aug. 2013 - May. 2017

- Honors in Computer Science
- Awarded Cum Laude