

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

Oakland, CA

Senior Software Engineer

January 2019 - June 2025

Feature Platform Team

- Led Flex Template migration of Dataflow pipelines, ingesting over 20K facts for 140M users in daily, hourly, and streaming jobs.
- 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, an initiative enabling an estimated 70M of revenue.
- Scaled data sharing platform for peak 3.5k RPS, matching 50 million CK members from a total of 170 million Intuit members.

Credit Karma Money Team

- Built offline net-worth tracking consumer from shared financial account and balance data, scaling to 600 RPS of account update events at peak.
- Worked with product teams to design user total network logic with fallbacks, used to display network to all CK Money users.

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.
- Developed and scaled Scala services on Kubernetes with high-availability architecture, comprehensive monitoring, and automated failover.
- Worked on internal SDKs allowing services to use packaged Scala code through sbt dependencies.

Serena and Lily

Sausalito, CA

Full Stack Developer

March 2018 - December 2018

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

Microsoft

Dublin, Ireland

Intern Software Engineer

Summer 2015

- Contributed to MSN news CMS team, working with TypeScript/Angular single-page app with C# middleware and SQL database.
- Developed features locally and successfully merged code to production branch in TFS.

Education

Goucher College

Baltimore, Maryland

B.A. Computer Science Major, Mathematics Minor

Aug. 2013 - May. 2017

- Honors in Computer Science
- Awarded Cum Laude