Samuel Levin
Senior Software Engineer
San Francisco, California

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TL;DR

Senior Software Engineer with 7 years of experience designing and scaling data infrastructure. Designed and contributed to ETL pipelines, platforms and services that required large scale and maximal availability.

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 networth logic with fallbacks, used to display networth 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