

Samuel Levin

SENIOR SOFTWARE ENGINEER

San Francisco, California

415-572-7446 | samueljlevin@gmail.com | salevin | salevin

TL;DR

Senior Software Engineer with 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

• Data Architecture Team

- Built and scaled Vertex Feature Store integrations, including online stores, registries, and monitoring APIs, enabling production ML workflows across multiple domains.
- Designed and optimized Dataflow pipelines (feature deletion, fast batch ingestion, containerized SMB exports) improving reliability and reducing processing latency.
- Automated Airflow workflows with custom DAGs, retries, and alerting, improving data pipeline stability and reducing operational overhead.
- Developed Terraform/Terragrunt infrastructure for Vertex and Composer, streamlining environment provisioning and access control.
- Enhanced observability and reliability by adding monitoring, circuit breakers, and Slack alerting, reducing downtime and improving incident response.
- Contributed to data platform libraries and services (Alchemy, Lightspeed, IDL, lineage tools) supporting large-scale recommendation and finance data systems.
- Improved CI/CD pipelines with validation pipelines, CCI fixes, and automated testing, accelerating deployment velocity and reducing failures.

• Credit Karma Money Team

- Designed and implemented offline network tracking using event topic subscription service.
- Added account value fallbacks, adding data consistency.
- Built data quality and observability metrics and dashboards.

• 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