Mack Solomon

+1 (310) 405-1257 | Los Angeles, California, US | macksol@gmail.com
github.com/mackness | linkedin.com/in/macksolomon | mackness.github.io

PROFESSIONAL SUMMARY

I am a passionate full-stack software engineer with over a decade of experience delivering cutting-edge digital products to tens of millions of users.

WORK EXPERIENCE

Senior Software Engineer   August 2022 — Present
Credit Karma (Core Frameworks Team)   *Culver City, CA*

- Led the development of an internal framework feature that significantly reduced the amount of time and human effort required to perform a fail-over to the secondary region by automating manual steps of the process.
- Participated in prototyping and development of a real-time distributed ETL pipeline, reducing the time required to move data from sources into the warehouse by over an hour.
- Led a project to design and develop an improved publishing workflow for our internal libraries that resulted in faster and more predictable releases of our team's core products.

Software Engineer IV   January 2021 — August 2022
Credit Karma (Autos Team)   *Culver City, CA*

- Partnered with product and design to build an MVP of a marketplace that enabled Credit Karma members to find high quality auto financing, generating millions annually for the business.
- Worked across the stack on a feature that pre-filled 80% of application forms significantly reducing friction and making it easier for Credit Karma members to apply for auto refinancing products.
- Proactively identified and fixed a number of performance issues including one that reduced median request latency by 100ms on a critical revenue generating surface.

Software Engineer III   April 2019 — January 2021
Credit Karma (Autos Team)   *Culver City, CA*

- Proactively picked up tasks to improve the team's velocity and developer experience such as adding automatic code formatting and linting for the team's React + TypeScript code base.
- Setup complex multivariate experiments in our auto insurance marketplace for a number of features, allowing us to learn and iterate at a fast pace.

Senior Frontend Engineer   July 2016 — April 2019
eHarmony   *Westwood, CA*

- Introduced SSR for React applications at eHarmony, reducing LCP (Largest Contentful Paint) timing across all web surfaces.
- Introduced a component-centric code splitting pattern to reduce initial JavaScript payload size further improving the LCP metric across web surfaces.
- Implemented the foundations of a design system which provided am opinionated framework for building new UI elements, improving consistency and velocity.

Frontend Engineer   Aug 2014 — July 2016
Whalerock Industries   *Westwood, CA*

- Collaborated with the design team to develop high quality responsive interfaces for personalities in the entertainment industry such as Howard Stern.
- Converted wireframes into high quality functional prototypes presented to clients before starting the development phase.
- Contributed features to an internal Django based CMS used by the editorial team to produce and orgainze content for various web properties.

SKILLS

Programming Languages	Scala (Proficient), TypeScript (Proficient), Rust (Familiar), Python (Familiar)
Technologies	Finagle, Akka, Alpakka, React, MySQL, Spanner, REST, GraphQL, Apache Thrift, gRPC