

Phil Salant

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SKILLS Go, Python, Ruby on Rails, JavaScript, PostgreSQL, Snowflake, Docker & Kubernetes, AWS

EXPERIENCE **Senior Software Engineer II**, [Ethyca](#) - *October 2021 - November 2022*

- Maintained the open-source Python CLI + API product, Fides, which enables automated user data privacy protections as code
- Designed and implemented a Kubernetes cluster scanning tool, which uses eBPF to enable the automatic discovery and mapping of arbitrary runtime services
- Led the architecture and implementation of a privacy-respecting usage data collection API server, SDK, and infrastructure, for use with all Ethyca products
- Mentored junior engineers, gave detailed code reviews, and improved overall development processes and git hygiene
- Collaborated with various product stakeholders to determine, groom, plan, and implement both short and long-term product roadmaps

Senior Back-end Software Engineer, [Movable Ink](#) - *January 2019 - October 2021*

- Maintained the distributed pipeline of Go microservices that support Movable Ink's behavioral marketing features
- Enabled service analysis and debugging with a distributed telemetry collection mechanism, using Prometheus and Grafana
- Maintained internal REST APIs that enable the usage of behavioral data for customization of client marketing collateral
- Improved the automation of various tasks, using tools such as GitHub Actions, Gitlab CI, Apache Airflow, and AWS Lambda
- Collaborated with a team under the agile development philosophy
- Mentored junior engineers and maintained documentation to improve that process

Senior Front-end Software Engineer, [Movable Ink](#) - *February 2017 - January 2019*

- Created JavaScript algorithms to detect and leverage patterns in client websites, in order to map and transmit user behaviors for clean database storage
- Designed, implemented, debugged, and maintained hundreds of custom apps that leveraged said behavioral data for use with the Movable Ink platform
- Maintained internal REST APIs integrated into custom apps
- Joined client-facing meetings as a technical resource and product SME
- Worked with client account managers to ensure the successful implementation of behavioral marketing collateral

Full Stack Software Engineer, [Weil, Gotshall & Manges, LLP](#) - *July 2015 - March 2016*

- Intended as a six month contract, extended multiple times
- Managed, customized, and debugged the HP eDiscovery platform, relied upon by thousands of legal professionals
- Led the design and implementation of an improved system architecture that reduced maintenance outage time by 15% and included end-to-end SSL encryption

Technology Consultant, [Hewlett-Packard Enterprise](#) - *August 2012 - April 2015*

- Installed and customized HP's complete eDiscovery platform for more than 100 clients
- Educated clients in basic system management strategies and daily use cases

EDUCATION **App Academy** - Full Stack Software Development - *June 2016 - September 2016*
The Pennsylvania State University - B.S. in Chemistry, Physics(m) - *August 2008 - May 2012*