

# Phil Salant

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**PORTFOLIO** [philsalant.com](https://philsalant.com) • **GITHUB** [PSalant726](#) • **LINKEDIN** [psalant](#)

## SKILLS

Go, Python, Ruby on Rails, JavaScript, SQL, Kafka, Docker & Kubernetes, AWS, GCP

## RECENT

## EXPERIENCE

**Senior Software Engineer**, [Centripetal Networks](#) - *March 2023 - Present*

- Maintained the distributed pipeline of Go microservices responsible for the ingestion, post-processing, and storage of cyber threat intelligence data, supporting all other Centripetal products
- Architected and led the implementation of improvements to the distributed ETL pipeline, pivoting to a pub/sub model (Kafka), and increasing throughput, reducing service latency, and optimizing operating costs
- Mentored and trained junior engineers, including several with less than a year of professional development 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

**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

## EDUCATION

**The Pennsylvania State University** - B.S. in Chemistry, Physics (minor)

**App Academy** - Full stack software development bootcamp - 2016