Dhron Joshi 👋

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SKILLS

Tools: Docker, Puppet, Vault, AWS, Ansible, Grafana, Prometheus, Git, Bazel
Languages: Python, C++, Ruby, Bash, Golang, Java, SQL, R, SAS

EXPERIENCE

Software Engineering Intern   *Pittsburgh, PA*
Uber Inc. (Uber ATG)   **May 2019 – Aug 2019**

- Implemented Puppet module to export Docker container metrics to Prometheus and M3DB, deployed to 6000+ machines, improving container visibility for SREs.
- Designed and implemented C++ client to HashiCorp Vault, enabling engineering organization to manage secrets in C++, improving Vault availability org-wide.
- Shadowed on-call rotation, responding to PagerDuty alerts and investigating problematic GPUs and unresponsive machines in datacenter.

Software Engineering Intern   *San Francisco, CA*
Narvar Inc.   **Sept 2018 – Dec 2018**

- Updated core platform infrastructure in Java for aggregating order and tracking data, surfacing new data and processing updates in the billions per month.
- Developed extendable filter microservice in Java to remove protected health information (PHI) in data payloads, ensuring compliancy and supporting 22M+ customer calls per day.
- Wrote BCC template processing tool using AWS Lambda to ingest order confirmation emails of external retailers, ingesting and processing over 200k+ orders per day.

Software Developer Intern   *Waterloo, ON*
Ubiquitous Health Technology Lab   **Jan 2018 – Apr 2018**

- Engineered an ETL pipeline using Python and Cassandra to improve data querying and analytics, efficiently processing over 2 years of motion data across 10,000 households.
- Computed statistics for Healthy Behaviour Data Challenge, contributing to substantiating insights and winning the challenge out of 30 participating teams.

ACTIVITIES

Open Source Contribution   *Pittsburgh, PA*
cExporter Docker Container   **Aug 2019**

- Fixed fatal error in cExporter codebase regarding concurrent map writes in Golang.
- Updated Dockerfile to build Go source within container, and added go.mod files for better dependency management.

EDUCATION

University of Waterloo   *Waterloo, ON*
Candidate for *Bachelor of Computer Science, Minor in Statistics,*   **Sept 2015 – Apr 2020 (Expected)**
Certificate in the Chinese Language I