

DHRUV VORA

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SKILLS

Languages Python, TypeScript, JavaScript, Solidity, Golang, C++
Technologies Node.js, Pandas, React, FastAPI, Mongo, MySQL
Tools AWS, Docker, Kubernetes, Terraform, Redis, Kafka, Jira, Azure, Linux, Git

EXPERIENCE

Software Engineering Intern Sept 2022 - Dec 2022
Dropbase

- Optimized client database transaction latency by dynamically migrating between **Snowflake** and **Postgres**
- Reduced **ETL pipeline** date parsing times by **60%** using a custom date parsing module built with **Rust**
- Improved code coverage by building an end to end testing suite for ETL pipelines using **Pytest** and **Selenium**

Software Engineer, Consultant Apr 2022 - Present
KPMG Canada

- Reduced Pay Equity process from **2 weeks** to **2 mins** by automating calculations using **Pandas** and **SciKit**
- Reduced deployment time to production by **82%** by implementing cloud infrastructure using **Terraform**
- Enabled Flask for production deployments using Nginx reverse proxies and uWSGI, increasing requests by **120%**

Software Engineer Intern Jan 2022 - Apr 2022
KPMG Lighthouse

- Developed a NFT certification issuer with **Solidity**, **Next.js**, and **TypeScript**, receiving **\$500k** in funding
- Streamlined consultant processes with an NLP service to classify job titles using **GPT-3** and BeautifulSoup
- Prevented reaching IPFS API gateway usage limits through an event queue designed with **Redis** and **Celery**

Full-Stack Developer Intern May 2021 - Aug 2021
Polar

- Reduced **React** production build time by writing **Bash** scripts that prepare deployment into **AWS Amplify**
- Optimized **CSS** modules to improve stability, browser compatibility, and reduce rendering time by **10%**

Software Team Lead Jan 2021 - Sept 2021
Watlock Design Team

- Planned the development of a data collection engine built with a **Flask** service that interacts with **Arduinos**
- Designed an airlock interface to gather real-time telemetry using **Electron**, **TypeScript**, and **WebSockets**

PROJECTS

Seashell A CLI package that stores and executes lengthy terminal scripts from a cloud server

- Published a **Node.js** CLI package that fetches shell commands through microservices built in **Golang**
- Containerized services using **Docker** and orchestrated the application on a **Kubernetes** cluster
- Increased application efficiency by integrating **Redis** caching servers and **HAProxy** load balancing

Iris A data driven marketing recommendation engine for small local businesses in Calgary

- Utilized **SciKit** to develop a k-means model that determines the best marketing location
- Deployed the Flask REST API on Google Cloud Platform with a front-end built in React

EDUCATION

University of Waterloo, Honours Computer Engineering (88% cumulative) Sept 2020 - Present