

Allen J Huang

Backend preference with fullstack experience

EXPERIENCE

Klaviyo, Remote — *Senior Software Engineer*

AUGUST 2024 - PRESENT

- Implemented flow update APIs for developers.
- Engineered visualization for flow graph path analysis with Design/Product teams.
- Partnered with Design/Product/Data Science to classify flows (patented method) and implement flow recommendation generation.
- Identified and resolved invalid production data with developed reusable CLI tools.
- Maintained infrastructure using Terraform and AWS.

Klaviyo, Remote — *Software Engineer II*

MAY 2022 - JULY 2024

- Redesigned relational database models into directed acyclic graphs (DAGs) with serializable schema.
- Built core flow creation/read APIs for developers.
- Collaborated with Data Science to develop "FlowsAI" suggestions using LLMs and serialized flow graphs.
- Modernized React/Redux frontend in partnership with Design/Product.

BigBear.ai, Remote — *Software Engineer Intern*

SEPTEMBER 2021 - DECEMBER 2021

- Migrated application from GCP to AWS Kubernetes.
- Engineered CI/CD pipeline (Jenkins, Trivy, Anchore, Harbor) on AWS.
- Documented application network architecture.

Klaviyo, Remote — *Software Engineer Intern*

JUNE 2021 - AUGUST 2021

- Migrated Backbone.js analytics pages to React.
- Developed Django API endpoints for Cassandra data access.
- Implemented pytest/Django tests for local and CI/CD execution.

SKILLS

Python, TypeScript, SQL, Bash, Django, React, pytest, Jest, Playwright, pdb, Redis, MySQL, PostgreSQL, RabbitMQ, Kafka, Pulsar, Clickhouse, Snowflake, AWS, OCI, GCP, S3, Git, Docker, Kubernetes, Jenkins, Buildkite, ArgoCD, Linux, MacOS, Windows, Github, Grafana, PagerDuty, Splunk, Sentry, JIRA, Slack

AWARDS

2024 Klaviyo Hackathon

Multiple Categories Worked with teammates on a project to implement a GUI copy paste within flows. Won in two categories out of five.

2023 Klaviyo Hackathon 3rd

Place Proposed and worked with teammates to implement a project to serialize database objects to a single JSON document and deserialize back to database objects. Placed third overall, but the project was well received and excited the company in both developer API and AI potential.

LANGUAGES

English, Cantonese Chinese