

Van Dang

Software Problem Solver — Productivity Nerd

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Summary

I render myself a Generalist — versatile across the SDLC, with depth in Platform Engineering and Data Systems. I build the backends that move data and the infrastructure that runs them.

Experience

Software Engineer

Early 2025 - Present

[HCLTech/ANZx](#)

- Own the Networking Controller on GCP — provisioning cloud network policy and enforcing security compliance for 50+ engineering teams.
- Run controlled disaster-simulation exercises that verify our services correctly exercise GCP's multi-region HA — catching integration gaps so the platform's 99.999% SLA translates into real availability for us, not just on paper.
- Design and roll out the CloudRun Git-volume-mount pattern — migrating ~80 services onto a simpler, image-build-free deployment workflow.

Software Engineer

Late 2024 - Early 2025

[Endash/Cigro](#)

- Shipped monitoring as a first-class product feature — subscriptions, alerting, task orchestration — answering the top user request and shifting customers from passively viewing dashboards to actively engaging with their data.
- Cut user-reported bugs ~80% by tightening the development workflow and refactoring internal hotspots.
- Cut infrastructure cost ~14% (with improved uptime) by executing a cross-vendor platform migration.

Technical Leader / Data Platform Engineer

Late 2021 - Late 2024

[PrimeData](#)

- Architected the Data Integration Platform behind client onboarding at scale — a 4-engineer team onboarded 4 customers, each with hundreds of pipelines and millions of events/day, built on a ~300-connector catalogue (~20 actively used, mostly databases and vendor APIs).
- Cut customer data error rates from 30% to 4% by designing an event-driven system that automatically detects and self-corrects ingestion errors.
- Designed and shipped a custom query engine (Query Builder + storage models) that delivered sub-second P90 responses against hundreds-of-millions to billions of records — the backend core of the platform's analytics.
- Extended the platform with Kubernetes-based Transformation Plugins and security hardening — enabling white-label deployments and customer-configured integrations without ops in the critical path.
- Raised test coverage from ~30% to ~75% and put infrastructure under GitOps — introduced schema testing in GitHub Actions, materially reducing user-reported bugs.
- Led the engineering delivery (peak team of 5) through heavy coordination load — sustaining in-day support and 1-2 month client onboarding SLAs as the customer base grew.

DXC Technology

- Translated premium-calculation policy directly into production algorithms across 5 enterprise insurance projects — a dual business-analyst / engineer role with no handoff between spec and implementation.

Projects

- **ArchCanvas** — Visual architecture tool for the AI era — design systems on an interactive canvas, and AI turns your diagrams into working code
- **ChorusKube** — Kubernetes-native orchestration for AI agents — DAG-based workflows with container isolation and human-in-the-loop review
- **Pjhoon** — A personal Data Platform — integrations, analytics engine, and data visualization
- **Vandang Info** — My personal landing page — built with Astro, Tailwind, and deployed on K8s

Skills

Languages: Python, Java, Go, Shell Scripts

Pipelines & Streaming: Airbyte, Airflow, Argo, Kafka, Flink

Databases & Search Engines: Postgres, ClickHouse, ElasticSearch, BigQuery

Web Application Frameworks: FastAPI, SQLAlchemy, Spring, Angular

Infrastructure: Kubernetes, Docker, GCP

Productivity Tools: Neovim, VCSs

Soft Skills: Problem Solving, Coordination, English (professional), Mentorship and Leadership

Activities & Achievements

- TOEIC: 865/990
- HackerRank: 6 stars in Algorithm - Problem Solving