

Christofle Tjhai

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EXPERIENCE

AWS re/Start Cloud Trainee

Apr 2026 – Jun 2026

Orbit Future Academy

- Completed AWS re/Start, a 12-week intensive program covering cloud infrastructure, networking, security, databases, scripting, and cloud operations.
- Built and operated AWS workloads using EC2, S3, VPC, IAM, RDS, DynamoDB, Lambda, ECS, ECR, EventBridge, CloudWatch, and CloudFormation.
- Applied DevOps practices across Linux system administration, shell scripting, Infrastructure as Code (IaC), automation, monitoring, networking, troubleshooting, security, and high-availability architecture.

SASC Scholarship Mentor

Aug 2025 – Jun 2026

BINUS University

- Mentored Computer Science students across Cloud Infrastructure, Network & Systems Programming, Computer Security, OOP, RDBMS, and programming fundamentals.
- Guided hands-on labs involving cloud deployment, virtualized penetration testing, and networked application development.

UREEKA BINUS — Member, Apprenticeship

Feb 2025 – Feb 2026

BINUS University

- Completed structured full-stack web development training covering frontend, backend, Git, and collaborative development practices.

PROJECTS

CartLabs — Full-Stack E-Commerce Platform

Go, Next.js, PostgreSQL, Redis, RabbitMQ, Kubernetes (k3s), Helm, Terraform, Ansible

- Built multi-vendor marketplace with modular Go backend, Next.js frontend, PostgreSQL persistence, Redis caching/rate limiting, and role-based buyer, seller, and admin workflows.
- Implemented event-driven workflows using RabbitMQ, transactional outbox, idempotent consumers, dead-letter handling, plus gRPC-based search service with independent PostgreSQL projection.
- Automated infrastructure and delivery with Terraform, Ansible, k3s, Helm, GHCR, TLS, backups, smoke tests, and observability through Prometheus, Grafana, and OpenTelemetry.

FoodLink — Full-Stack Food Rescue Platform

Go, Next.js, PostgreSQL, OpenAPI, Terraform, AWS (EC2, RDS), GitHub Actions

- Built an end-to-end food donation platform connecting donors, receivers, and volunteers through proposal, approval, pickup, and delivery workflows with role-based access.
- Developed a Go/PostgreSQL backend and Next.js frontend around an OpenAPI-first contract, with modular service/repository boundaries, real-time notifications, and map-based donation and delivery coordination.
- Provisioned deployment infrastructure with Terraform across AWS (EC2, RDS) and Vercel with GitHub Actions CI/CD for automated testing, builds, and container image publishing.

EDUCATION

Bachelor of Computer Science @ BINUS University

Alam Sutera

GPA: (3.80/4.00) | Recent Semester GPAs: (3.89 & 4.00)

2024 – 2028

CERTIFICATES

- AWS Certified Cloud Practitioner 🔗
- AWS re/Start Graduate 🔗

SKILLS

- Languages: Go, TypeScript, Python, SQL, Bash, Java, C, C++, C#, HTML, CSS, JavaScript, PHP
- Frontend: Next.js, React, Tailwind CSS, Astro
- Backend & Data: REST APIs, OpenAPI, gRPC, PostgreSQL, Redis, RabbitMQ
- Cloud & Infrastructure: AWS, Docker, Kubernetes (k3s), Helm, Terraform, Ansible, Linux, Traefik, Cloudflare, Istio
- DevOps & Observability: Git, GitHub Actions, Prometheus, Grafana, OpenTelemetry, Tempo