

# Resume

## Personal Information

- **Name:** Pan Haitao
- **Location:** Shanghai, China
- **Current Status:** Open to opportunities
- **Phone:** +86 19286470192
- **Email:** manbuzhe2009@qq.com
- **LinkedIn:** [www.linkedin.com/in/haitaopan](http://www.linkedin.com/in/haitaopan)
- **Languages:** Chinese (Native), English (Conversational)

## Desired Roles

- Cloud Engineer
- DevOps Engineer
- Solutions Architect

## Professional Summary

- 14 years of IT experience spanning manufacturing, finance, telecom, and internet industries.
- Proficient in Linux, Kubernetes, Docker, Ansible, CI/CD, and IaC (Terraform/Ansible).
- Extensive experience in distributed system architecture, hybrid cloud, automation, and observability (NPM, APM, eBPF, unified logs/metrics/traces).
- Recently focused on AI-driven operations (AI Agents, RAG, intelligent operations).

## Skills Overview

- **Cloud Platforms:** AWS, GCP, Azure, AliCloud
- **Containerization & Orchestration:** Docker, Kubernetes
- **Infrastructure as Code (IaC):** Terraform, Pulumi

- **Programming Languages:** Proficient in Python and Shell; working knowledge of Go, Rust, JavaScript
- **Observability & Monitoring:** Prometheus, Grafana, Elasticsearch, DeepFlow (APM), Datadog
- **Automation Tools:** Ansible, Jenkins, Helm, GitHub Actions, GitLab CI, GitOps (ArgoCD, FluxCD)

## Areas of Exploration

- Passionate about open-source contributions (Rust / Go ecosystem, cloud-native DevOps toolchain).
- Focused on hybrid/multi-cloud automation and observability platform design.
- Actively exploring AI + Operations (RAG, AgentOps, intelligent monitoring), applying emerging technologies such as eBPF, vector databases, and GitOps toolchains in real projects, and summarizing best practices.

## Education

Period	Degree	Institution	Major
2006.09 – 2010.06	Bachelor	Changchun Institute of Technology	Electrical Engineering & Automation

## Open-Source Projects

- **XControl:** Web portal and control panel integrating XConfig / XCloudFlow / XScopeHub / Xstream for unified management.
- **XConfig (GitHub):** Rust Agent-based DevOps orchestrator for modular deployment and automation.
- **XCloudFlow (GitHub):** Multi-cloud management and automation framework supporting continuous infrastructure setup and orchestration.
- **XScopeHub (GitHub):** Observability suite (Vector / OpenTelemetry / PostgreSQL) enabling nearline ETL, active call-graph analytics, and AI Ops Agent integration.

- **Xstream (GitHub):** Dart-based cross-border acceleration and connection management client.
- **Navi (GitHub):** Desktop AI assistant supporting guided tasks, tool orchestration, and knowledge Q&A.

## Work Experience

### Senior Post-Sales Service Engineer

#### Beijing Yunshan Century Network Technology Co., Ltd.

*Nov 2024 – Sep 2025*

- **Stack:** Linux, Kubernetes, DeepFlow, NPM & APM, eBPF, Hybrid Cloud
- **Responsibilities:**
  - Deployed, tuned, and maintained customer observability systems.
  - Optimized and migrated collectors, DF Servers, and storage/query clusters.
  - Assisted clients with new technology PoCs (AI Agents, hybrid cloud observability).
- **Key Achievements:**
  - **Tiantong Finance:** Optimized collector performance, resolved high-concurrency packet loss, supported DF Server migration/expansion in Nanjing, delivered hardware compatibility tuning and standardized O&M manuals.
  - **COSCO AI Agent PoC:** Integrated AI models, containerized deployment, QA testing solution, delivered reusable documentation.
  - Additional projects: Shanghai Electric Power, Zhejiang Mobile, Jiangsu Telecom, Maitang (Internet client).

---

### Site Reliability Engineer

#### Tesla (Shanghai) Co., Ltd.

*Jan 2024 – May 2024*

- **Stack:** Linux, Kubernetes, GitHub Actions, GitOps (ArgoCD), Ansible, Helm, Jenkins

- **Responsibilities:**

- Maintained industrial control hosts, VMs, and Kubernetes clusters for production lines.
- Responded to and resolved production infrastructure/software incidents.
- Implemented monitoring/alerting systems for rapid issue detection.
- Worked with development teams to optimize deployment pipelines using GitHub Actions & ArgoCD.

- **Key Contributions:**

1. Built Jenkins pipelines for **Ignition software and edge system deployments**, accelerating updates and reducing errors.
  2. Deployed **ArgoCD Server** and created GitHub Actions + ArgoCD templates for ITSM DMP project, reducing deployment time.
  3. Automated **Grafana configuration** with Ansible Playbooks, codifying alerts and dashboards.
  4. Redesigned CI/CD workflows with GitHub Actions & ArgoCD, improving release reliability and speed.
- 

## **Senior Cloud Solutions Architect**

### **Huaxun Network Systems Co., Ltd.**

*Mar 2022 –Oct 2023*

- **Stack:** AWS / AliCloud, Terraform, GitLab CI, GitOps (FluxCD)

- **Responsibilities:**

- Designed/implemented cloud migration projects and hybrid cloud solutions.
- Led DevOps and GitOps practices for continuous delivery.
- Built/optimized Terraform & Pulumi IaC templates.

- **Key Achievements:**

- Delivered multiple AWS/AliCloud migration projects.

- Implemented GitOps (FluxCD), improving deployment efficiency.
  - **Notable Projects:**
    - **Roche MSP:** FluxCD-managed EKS add-ons, automated ECS provisioning, Terraform module refactor, GitLab CI workflows.
    - **Syngenta Seeds DevOps Platform:** AWS EKS-based DevOps platform, monitoring stack with Prometheus/Grafana/DeepFlow APM, IaC pipelines, AWS Landing Zone modules.
    - **United Laboratories Cloud:** Multi-cloud network/IAM, observability, and automation with Ansible, Prometheus, Grafana, DeepFlow APM, WireGuard, Keycloak integration.
- 

## Senior Solutions Architect

### Jiangsu Boyun Technology Co., Ltd.

*Dec 2021 -Jan 2022*

- Consulted on Kubernetes-based cloud infrastructure optimizations and DevOps-driven CI/CD solutions.
  - Helped clients achieve scalability and stability through containerization.
- 

## Senior Solutions Architect

### UCloud Technology Co., Ltd.

*Jul 2020 -Nov 2021*

- **Stack:** Cloud Migration, Kubernetes, Hybrid Cloud, Distributed Storage, Network Security, CI/CD, Ansible, Python
  - **Projects:**
    - Migrated **Walnut Programming, Baiwang Cloud** workloads to UCloud Kubernetes.
    - **GrowingIO:** Load balancer migration and automation with Ansible for stress testing.
    - **Blockchain client:** Automated provisioning of 1000+ servers with Python + UCloud API, enabling elastic compute scaling.
-

## **Delivery Engineer**

### **Alauda (Lingque Cloud) Technology Co., Ltd.**

*May 2018 –Jun 2020*

- Supported container platform upgrades and DevOps processes for financial clients.
  - Onsite operations support for clients like **PetroChina/OGP**, **State Grid Online**, and **Everbright Bank** (multiple PaaS upgrades, DevOps adoption).
- 

## **Software Engineer**

### **Deepin Technology Co., Ltd.**

*May 2015 –Apr 2018*

- Developed and maintained **Deepin Server OS V15**.
  - Automated build/deployment workflows with Python/Shell.
  - Delivered stable server OS releases, reducing release cycle by 30%.
- 

## **Operations Engineer**

### **Knownsec Technology Co., Ltd.**

*Nov 2013 –Apr 2015*

- Managed CDN deployments, Linux infrastructure, Nginx, and monitoring systems.
  - Improved infrastructure stability and response times.
- 

## **System Software Engineer**

### **Inspur Electronic Information Co., Ltd.**

*May 2013 –Oct 2013*

- Maintained Linux servers, automated monitoring with Bash scripts.
  - Improved server availability and responsiveness.
-

## **Software Engineer**

**China Standard Software Co., Ltd.**

*May 2011 -Apr 2013*

- Ported Linux OS to **Loongson hardware**.
- Built automated RPM/Koji packaging system, improving efficiency.