ZHANG WEIHUANG

Plackbaka | akiwayne24@gmail.com | +86 18065956099

Education

East China University of Science and Technology **2024.09 - 2028.07**

Bachelor of Biological Engineering

Skills

Programming Languages: Golang, Python, TypeScript, C/C++, Java,
Backend Frameworks: Gin, Echo, Fiber, Cobra, Gorm, Zap,Express, Flask, Testify
Frontend: HTML/CSS/JS, React, Next.js, TailwindCSS,Shadcn, Reactbits
Databases: PostgreSQL, Redis, Supabase
DevOps: Docker, Git, Nginx, Linux, ,macOS, Kubernetes, Kafka, Zookeeper
Cloud Platforms: Tencent Cloud, Alibaba Cloud, CloudFlare
AI Tools:Claude Code,Gemini Cli, Antigravity, Cursor

Projects

Gin | Open Source | github.com/gin-gonic

2025.9 - Now

markdown Git

- Contributed to Gin framework's open-source documentation, translating framework documentation from English to Chinese to improve accessibility for Chinese developers
- Collaborated with other contributors to ensure translation accuracy aligns with Gin's technical specifications
- Enhanced Chinese localization support, strengthening Gin framework's influence in the Chinese developer community

Portfolio | **Personal Project** | high-end-portfolio 2025.5 - Now

Next.js React TypeScript Tailwind CSS v4 Cloudeflare Workers Framer Motion Antigravity Zustand

- Built a modern portfolio website with responsive design, dark/light themes, and Framer Motion animations, featuring a Markdown-based blog system with automated processing (unified/remark/rehype), syntax highlighting, and smart pagination
- Integrated Resend API for contact form with validation and HTML email templates, ensuring accessibility with ARIA labels, keyboard navigation, and semantic HTML structure
- Deployed on Cloudflare Workers achieving 27ms startup time and 76% compression with global CDN distribution

URL Shortener Service | Personal Project| **go-shortenUrl** 2025.8 - 2025.9

Go Gin Redis Pgsql Docker Js Claude Code

- **Engineered a high-performance URL shortening service** using **Go** and **Gin**, achieving sub-millisecond redirect latency through **Redis** caching and **PostgreSQL** indexing strategies.
- **Architected a scalable backend** following **Clean Architecture** principles, decoupling business logic into Handler, Service, and Repository layers to ensure testability and long-term maintainability.
- **Implemented robust system reliability** features including collision-resistant Base62 encoding, duplicate URL detection, graceful shutdown signal handling, and comprehensive error management.