Cornelius Venti

Senior Full Stack Engineer with 6+ years of experience architecting distributed Go services, high-concurrency Python backends, and performant React 19 interfaces. Specialist in asynchronous ETL pipelines and AI-driven development.

PORTFOLIO GITHUB LINKEDIN CORNELIUS@CORNELIUSVENTI.DEV

PROFESSIONAL EXPERIENCE

ICEBATHS

Jul 2025 - Sep 2025

Senior Full Stack Engineer (Growth & Automation - Project Contract) • Indonesia (Remote)

- Architected a scalable lead generation engine leveraging Google Maps Places API and Apollo.io, processing 10k+ data points with Golang
- Engineered a fault-tolerant data synchronization engine between Golang services and distributed Google Sheets for real-time business intelligence
- Designed robust data processing pipelines to automate lead qualification and management, reducing manual research time by 90%
- Integrated AI-driven development workflows using Cursor to accelerate feature delivery and improve code quality

TECH: GOLANG / GOOGLE MAPS API / APOLLO.IO / GOOGLE SHEETS API / CURSOR / AI DEVELOPMENT / GITLAB

NUBELA

Jul 2023 - Jan 2025

Senior Full Stack Engineer (Enterprise Systems) • Singapore (Remote)

- Spearheaded end-to-end development of enterprise Teams feature with sophisticated RBAC and user management systems
- Architected a bidirectional financial sync engine between Invoice Ninja and Xero, automating reconciliation and reducing overhead by 80%
- Engineered high-performance data processing pipelines for ETL operations across multiple enterprise platforms supporting 10k+ seats
- Led technical documentation and API design standards for core enterprise services to improve team velocity and code quality

TECH: PYTHON / FLASK / REACT / DOCKER / KUBERNETES / STRIPE / INVOICE NINJA / XERO API / CURSOR / GITLAB

FWD

Oct 2020 - Aug 2022

Full Stack Engineer (Microservices) • Singapore (Remote)

- Engineered a high-throughput user acquisition pipeline using Vue.js and Nest.js, delivering a mission-critical revenue engine in under 3 months
- Designed a comprehensive Logger Module for distributed microservices, reducing production debugging time by 60%
- Built enterprise-grade Email/Report Microservice processing thousands of automated compliance reports monthly
- Architected a Back Office Promotion Management system with Nest.js, Next.js, and Material UI for centralized marketing orchestration

TECH: VUE.JS / NEST.JS / NEXT.JS / MATERIAL UI / AWS CLOUDWATCH / MICROSERVICES / EMAIL SYSTEMS / GITLAB

CORE STACK: TS / JS / GOLANG / PYTHON / REACT / NEXT.JS / NODE.JS / AWS / DOCKER / REDIS

TECHNICAL EXPERTISE

BACKEND & SYSTEMS:
Golang, Python, Node.js, Nest.js, Flask, TypeScript, SQL

FRONTEND & UX:
React 19, Next.js 15, Vue.js, Nuxt.js, Tailwind CSS, Material UI, Figma

CLOUD & INFRASTRUCTURE:
Docker, Kubernetes, AWS, Redis, PostgreSQL, MongoDB, Linux

ARCHITECTURE & ENGINEERING:
Distributed Systems, ETL Pipelines, API Design, System Design, AI-Driven Development

DEVELOPMENT TOOLS:
Git, GitLab CI/CD, Cursor, Claude Code, Postman, Jira

SELECTED ENGINEERING PROJECTS

SIFTLYAPI

TECHNICAL CASE STUDY

Enterprise-grade fraud detection API for real-time signup risk scoring. Engineered high-throughput ingestion pipelines handling real-time signals with sub-100ms predictive scoring latency.

STACK: GOLANG / CONVEX / REDIS / CLAUDE CODE / PYTHON

JOBSH

TECHNICAL CASE STUDY

High-performance Go TUI for aggregating and managing remote job postings. Features concurrent RSS parsing and local SQLite-backed persistent storage for high-speed offline access.

STACK: GOLANG / SQLITE / TUI / BUBBLE TEA / BACKGROUND PROCESSING / RATE LIMITING

PRECES

TECHNICAL CASE STUDY

A minimalist digital prayer companion optimized for zero-latency performance. Leveraging React 19 Server Components and Next.js 15 for perfect Lighthouse scores and accessibility.

STACK: NEXT.JS / REACT / TYPESCRIPT / TAILWIND CSS / LUCIDE REACT

EDUCATION

TANJUNGPURA UNIVERSITY, INDONESIA

B.S. Computer Science in Informatics • 2015 - 2019

LANGUAGES

English: Professional Working Proficiency

Indonesian: Native or Bilingual Proficiency

© 2026 CORNELIUS VENTI • SENIOR FULL STACK ENGINEER • TYPESET IN HELVETICA & COURIER