

Cornelius Venti

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Software Engineer

Software Engineer with 6+ years of experience building scalable web applications, APIs, and data processing systems across diverse industries including e-commerce, insurance, and SaaS platforms. Currently specializing in AI-assisted development and automation, building sophisticated lead generation systems using modern APIs and cloud technologies. Expert in end-to-end development from backend data pipelines to customer-facing storefronts, with a proven track record of delivering complex projects from concept to production.

WORK EXPERIENCE

Icebaths • Indonesia (Remote)

Software Engineer • Full-time

2025 - Present

- Architected and developed comprehensive lead generation system leveraging Google Maps Places API and Apollo.io integration using Golang, powered by AI-assisted development with Cursor
- Engineered automated data collection workflows that significantly enhanced business development efficiency through intelligent AI-powered code generation
- Designed and implemented robust data processing pipelines optimizing lead qualification and management processes
- Seamlessly integrated Google Sheets API for real-time lead storage and organization, enabling instant data accessibility for sales teams
- Modernized Shopify storefront theme with performance optimizations and UX enhancements, driving improved conversion rates
- Utilized Notion for comprehensive task management and project tracking, maintaining organized development workflows and milestone monitoring

Nubela • Singapore (Remote)

Software Engineer • Full-time

2023 - 2025

- Spearheaded end-to-end development of enterprise Teams feature, architecting sophisticated user management systems, streamlined team creation workflows, and granular access control mechanisms using Python and Flask
- Engineered seamless cross-platform integration between Invoice Ninja and Xero, delivering automated bi-directional synchronization that eliminated manual data entry and reduced processing time by 80%
- Architected and maintained high-performance data processing pipelines, implementing intelligent automated workflows for ETL operations across multiple enterprise platforms

FWD Insurance • Singapore (Remote)

Full Stack Developer • Full-time

2020 - 2022

- Developed high-conversion Lead Generation Form using Vue.js and Nest.js architecture, delivering production-ready solution in 3 months that significantly improved marketing funnel performance
- Engineered comprehensive Logger Module for microservice ecosystem using Nest.js, Winston, and AWS CloudWatch, enhancing system observability and reducing debugging time by 60%
- Built enterprise-grade Email/Report Microservice leveraging Nest.js, HTML-PDF conversion, and SendGrid integration, processing thousands of automated reports monthly over 6-month development cycle
- Architected sophisticated Back Office Promotion Management system using modern Nest.js, Next.js, and Material UI stack, delivering feature-rich admin interface in 6 months

Saturnmarket • Indonesia

Staff Development • Full-time

2020 - 2020

- Architected and developed comprehensive local e-commerce platform from ground up using cutting-edge Nuxt.js, Vuetify, Vuex, and Laravel stack, delivering fully functional marketplace in accelerated 3-month timeline
- Engineered sophisticated Back Office System for e-commerce operations, creating intuitive admin interface with Vue.js, Vuetify, Vuex, and Laravel integration, streamlining business management workflows in 3 months

Orange Multimedia • Indonesia

Web Developer • Full-time

2018 - 2020

- Developed innovative Electronic Signature-based Letter System using Bootstrap, jQuery, and Laravel, revolutionizing document workflow processes and reducing processing time by 70% over 4-month development cycle
 - Engineered comprehensive Online Tax Reporting System with Bootstrap, jQuery, and Laravel integration, streamlining government compliance processes for local businesses in 3-month delivery timeline
 - Architected enterprise-level Regional Financial Management Information System using robust Bootstrap, jQuery, and Laravel framework, managing complex financial operations across regional offices over 1-year development period
 - Delivered sophisticated health data management system handling 81 complex resource tables, implementing advanced componentization strategies that accelerated development velocity by 50% and reduced maintenance overhead over 6-month project lifecycle
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EDUCATION

Bachelor of Computer Science in Informatics

Tanjungpura University • Indonesia

2015 - 2019

SKILLS

Programming Languages: JavaScript, TypeScript, Python, PHP, Golang, HTML, CSS, Node.js

Frontend Frameworks: React.js, Next.js, Vue.js, Nuxt.js, Tailwind CSS, Bootstrap

Backend Frameworks: Express.js, Nest.js, Flask, Laravel

Databases: MySQL, PostgreSQL, MongoDB

Cloud & DevOps: Docker, Kubernetes, AWS CloudWatch, Redis

APIs & Integrations: Google Maps API, Apollo.io API, Google Sheets API, Invoice Ninja API, Xero API, Shopify

Payment & Communication: Stripe, SendGrid

Development Tools: Git, Cursor, Claude Code, Figma, Postman

Project Management: Slack, Trello, Jira, Notion