William Antoline



Software Engineer · Backend, Full-stack & AI Agents

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Open to relocation anywhere and to remote work in any time zone

SUMMARY

Software engineer with 4+ years building backend systems, AI agents, and SaaS platforms. Builds AI agents and estimating software for US contractors at Boon AI, working daily with US teams; previously a hands-on backend lead at Springkraf. B.Sc. Computer Science (GPA 3.97), three-time ICPC Asia finalist.

EXPERIENCE

Software Engineer, Boon AI

Jul 2025 - Present · California, USA (Remote)

- Built AI agents for construction teams in Slack, with scheduled skills and a visual workflow builder.
- Built automated quantity takeoff and the cost estimation platform on top of it.
- Built a blueprint annotation platform and synthetic data pipeline for computer-vision models.
- Own products end to end; lead project teams and run technical interviews.

Lead Backend Engineer, Springkraf

Jul 2024 - Jul 2025 · Medan, Indonesia

- Led 8 backend engineers while coding ~80% of the time; shipped ~10 client projects.
- Built shared communication infrastructure (OTP) used across client projects, serving high load with low downtime.
- Owned architecture, code review, and performance reviews; interviewed 10 candidates, hired 5.

Backend Engineer, Springkraf

Mar 2022 - Jul 2024 · Medan, Indonesia

- Built booking for a top Indonesian barbershop franchise: 80 branches in Indonesia and the Philippines, 50,000+ downloads, ~1,000 monthly bookings per outlet.
- Built a voyage ticketing system handling ~3,000 tickets daily, with payment integrations across 6+ Indonesian banks.
- Also built forex, gym, travel, and furniture retail apps, among ~7 client products.

Programming & Public Speaking Tutor, Independent

Nov 2022 - Present · Medan, Indonesia

- Taught programming to 8 students, several now studying CS; coached 9 in public speaking.

PROJECTS

- **Hadir**: attendance and reward-points system, ~200 check-ins daily.
- **Temple Stay S3**: event site for 148 registrants and donations.
- **Aegis**: IoT system that logs students as they enter campus.
- **Quartz**: iOS app that limits screen time and trains focus.
- **Trivajob**: PKM national grant-funded app, 2023.

SKILLS

Languages	Go, Ruby, TypeScript, Python, Rust, PHP, Swift, C++
Frameworks	Rails, Node.js, Express, FastAPI, Django, Laravel, React, Next.js, SwiftUI
Data	PostgreSQL, MySQL, MongoDB, Redis, Elasticsearch, Kafka, RabbitMQ
Cloud & DevOps	AWS, GCP, Docker, Kubernetes, Terraform, GitHub Actions, Datadog
AI & Product	AI agents, MCP, LLM gateways, OpenAI and Anthropic APIs, Stripe

EDUCATION

Apple Developer Academy, Bali, full-scholarship learner — Feb 2026 - Present

Universitas Mikroskil, B.Sc. Computer Science, GPA 3.97 — Sep 2021 - Feb 2025

HONORS, LEADERSHIP & LANGUAGES

- Finalist: ICPC Asia Jakarta (2022–2024), GEMASTIK (2023, 2024), COMPFEST (2023)
- PMV Vidya Vajra Ganda (120+ members): President 2019–2020, Advisor 2025–present
- Indonesian (native), English (fluent), Mandarin (HSK 4); Certified Public Speaking (CPS)