

# DUSTIN VANKRIMPEN

Software Engineer - Fullstack and Microservices

Grand Rapids, MI | (616) 633-3458 | me@dustinvk.com

dustinvk.com | github.com/dustinvk | linkedin.com/in/dustin-vankrimpen

## SUMMARY

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Full-stack engineer with 5 years building enterprise applications in Java, Kotlin, Spring, and React, strongest in backend architecture and distributed systems. Currently helping drive a multi-tenant SaaS modernization and building its high-precision pricing engine and AI-driven booking validation.

## TECHNICAL SKILLS

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**Languages:** Kotlin, Java, Go, TypeScript, SQL (PostgreSQL, MySQL), GraphQL

**Frameworks:** Spring Boot, Spring Security, React, Node.js

**Cloud and DevOps:** AWS (Lambda, S3, RDS, SQS), SST, Terraform, Neon, Flyway, Docker, GitHub Actions, Azure Pipelines

**Architecture:** Multi-Tenant SaaS, OAuth2/JWT, Redis Caching, RESTful and Event-Driven Design

## PROFESSIONAL EXPERIENCE

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### Software Developer, UFP Industries

Grand Rapids, MI | Nov 2023 - Present

- **SaaS Modernization:** Core engineer on the team migrating a legacy international marketplace to a multi-tenant SaaS 2.0 platform; contribute to design reviews and build the tenant-isolation model (PostgreSQL RLS).
- **Real-Time Pricing Engine:** Designed and shipped a high-precision pricing engine that factors live logistics rates, import/export duties, and transaction fees into per-order quotes, eliminating manual price-correction work for trading reps.
- **AI Validation Pipeline:** Built a near-real-time validation service that uses AI models to verify logistics bookings against shipping rules, reducing manual entry errors on international orders by an estimated 35% per the logistics team's review tracking.
- **Security and Auth:** Hardened platform auth with a custom OAuth2/JWT flow on Spring Security using HTTP-only cookies, replacing a brittle session approach and closing several CSRF/XSS exposure points.
- **Production Ownership:** Owned the 1.0 environment and AWS infrastructure end-to-end (Lambda, S3, RDS, SQS); on-call for production incidents and primary point of contact for platform reliability.

### Technical Consultant and Mentor, AD Solutions

Remote | May 2024 - Aug 2025

*Part-time contract, concurrent with current role.*

- **Customer Billing Portal:** Set the architecture and technical direction for a Spring Boot and React billing portal, mentoring student developers through design and code reviews.
- **Infrastructure and Delivery:** Provisioned and configured the on-prem Ubuntu VM servers hosting the application, and built GitHub Actions pipelines for automated build, test, and deploy, replacing manual multi-step releases with single-PR pushes.

### Java Developer, BeyondSOA Solutions (Subcontracted to SAIC)

Remote | May 2022 - Nov 2023

- **Performance Tuning:** Cut response times 25-50% on the slowest endpoints of an enterprise U.S. Patent and Trademark Office application through asynchronous processing and MySQL query and index optimization.
- **Reliability:** Resolved long-standing production defects affecting examiner workflows and added regression tests to prevent recurrence.

### Software Engineer Intern, Virgin Pulse

Remote | Jun 2021 - May 2022

*Part-time on the software architecture team through summer; moved to full-time product engineering Sep 2021 to May 2022.*

- **API Performance at Scale:** Profiled and optimized high-traffic REST endpoints on a wellness platform operating at 75B+ API calls per year, cutting response times approximately 80% on targeted endpoints via missing-index fixes, query simplification, and caching of stable hot paths.

### Student Researcher, Ferris State University

Remote | Jun 2021 - May 2022

*Part-time research role, concurrent with Virgin Pulse internship.*

- **HealthTech Research:** Built the backend for a pharmacy MVP scoped directly with independent pharmacies, integrating Epic's FHIR APIs via a custom OAuth2/MyChart login for patient-record access.

## EDUCATION

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### B.S. in Digital Media Software Engineering, Ferris State University

Graduated 2022 | GPA 4.0 | Summa Cum Laude