Anton Kaminsky

Bellevue, WA

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(253) 316-6618

Experience

Meta
Software Engineer

Mar. 2022 – Present
Bellevue, WA

- Resolved critical Marketplace visibility bug affecting millions of hidden reviews, implementing database query optimizations and frontend rendering fixes that restored buyer confidence and increased engagement metrics
- Engineer and maintain developer infrastructure (OnDemand and DevServer) powering code authoring and build workflows for thousands of engineers, improving development velocity and reducing build times
- Architected real-time messaging capabilities for Instagram web, implementing WebSocket connections, message queuing, and cross-platform data synchronization using React, TypeScript, and GraphQL
- Built core Instagram web calling features including WebRTC integration, call state management, and UI components serving millions of daily active users
- Developed Messenger Desktop application features using React Native, implementing platform-specific optimizations for macOS and Windows to ensure native performance
- Led cross-functional collaboration with product, design, and backend teams to deliver consistent user experiences across Meta's family of apps

Projects

Gild
Founder & Technical Lead

Jun. 2025 – Present
Curated local marketplace

- Designed and developed iOS application using SwiftUI and Swift, implementing complex dual buyer/seller flows, saved search alerts, and real-time item discovery features
- Architected scalable backend infrastructure supporting high-resolution media uploads, Apple Sign-In authentication, push notifications, and user profile management
- Integrated OpenAI APIs to power intelligent listing optimization, semantic search refinement, and automated negotiation assistance between buyers and sellers
- Implemented trust and safety features including transaction history and reputation scoring to create exclusive marketplace environment

Otto
Founder & Systems Engineer

Feb. 2025 – Present
Automotive telemetry platform

- Developed Otto Hub: Raspberry Pi-based data logger with custom Linux kernel modules for high-frequency GPS/IMU data capture and real-time wireless transmission
- Engineered Otto Pulse: analog driver feedback device using Raspberry Pi Pico W with custom firmware for sub-millisecond latency performance indicators
- Built real-time data pipeline using Rust and embedded WebSockets, processing 1000Hz sensor data streams with automatic failover and data integrity verification
- Designed multi-layer PCBs in KiCad integrating 6-axis IMU, GPS modules, CAN transceivers, and Raspberry Pi Pico W for wireless connectivity
- Developed cross-platform companion applications for telemetry analysis and performance monitoring

Education

University of Toronto
Honors, Bachelor of Science in Computer Science

Sep. 2017 – Dec. 2021
Toronto, ON

Data Structures	Web Development	Operating Systems
Algorithms	Systems Programming	Computer Organization
Software Design	Databases	Computer Graphics