

Tyler Schumacher

Senior Full Stack and Product Engineer

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Senior full stack and product engineer with 10+ years building commerce, sportsbook, trading, and banking software. Builds accessible React and TypeScript interfaces and Go, Java, and Node.js services. Led technical design reviews and mentored engineers.

EXPERIENCE

Freelance | Senior Full Stack and Product Engineer

Jul 2025 to Present | Buffalo, New York

- Develop the Remorseless Records commerce platform with React, Next.js, TypeScript, and Medusa for catalog, publishing, search, and administrative workflows.
- Integrate Stripe checkout, payment recovery, refunds, and order reconciliation, keeping Medusa as the system of record for commerce.
- Improve accessibility, responsive layouts, security, CI, deployment checks, and database and media recovery for the new platform.

Caesars Sportsbook | Senior Full Stack Developer

Dec 2021 to Oct 2026 | Jersey City, New Jersey, Remote

- Designed Go and Java integrations that normalized live betting data from multiple providers and kept market interfaces current as data changed.
- Built accessible React live odds, trader, and analytics tools for a sportsbook platform serving millions of users, with list virtualization to keep continuous updates responsive.
- Used FullStory evidence and trader feedback to prioritize and ship improvements to operational workflows.
- Led technical design reviews and mentored engineers across interface and service delivery decisions.

Instinet | Senior Full Stack Developer

Dec 2017 to Dec 2021 | New York, New York

- Built Node.js and Java services for electronic trading workflows, balancing throughput, reliability, and compliance requirements.
- Replaced legacy Flash workbenches with modular React tools for traders and engineering teams, improving maintainability and release independence.
- Strengthened GitLab CI and Kubernetes workflows with clearer release inspection and recovery paths.

Lab49 | Front End Developer

Jun 2017 to Dec 2017 | New York, New York

- Built accessible React research portals and Java service integrations for banking clients, meeting compliance and performance requirements.

Twisted Rope | Full Stack Web Developer

Oct 2015 to Jun 2017 | Buffalo, New York

- Built responsive React and Node.js applications for hospitality and retail, establishing reusable interface patterns across client work.

SELECTED PERSONAL PROJECTS

[Stackctl](#) | Go, Bubble Tea, Podman, PostgreSQL

Created a Go CLI and dashboard for reproducible local service stacks, with stable JSON contracts, health diagnostics, checksums, SPDX SBOMs, and artifact attestations.

[Relantern](#) | Go, Next.js, PostgreSQL, pgvector

Build a developer intelligence platform with hybrid retrieval, reciprocal rank fusion, structured LLM outputs, evidence validation, cost controls, and offline evaluations.

TECHNICAL SKILLS

Frontend: TypeScript, React, Next.js, Tailwind CSS, Zustand, TanStack Query

Services, APIs, and data: Go, Java, Node.js, Spring Boot, GraphQL, gRPC, PostgreSQL, Redis

Messaging: Apache Kafka, NATS, WebSockets, Server Sent Events

Delivery and observability: Kubernetes, Docker, Podman, Grafana, OpenTelemetry

EDUCATION

SUNY New Paltz | Bachelor's degree in Computer Science | May 2015