

Wielfried W Zouantcha

Full-Stack Software Engineer | React, TypeScript, Node.js

Washington, DC | U.S. Citizen | Open to remote work / relocation
zouantcha.com | GitHub | LinkedIn | zouantchaw74@gmail.com | +1 (240) 728-9871

SUMMARY

Full-stack software engineer building production applications across workforce software, multi-tenant commerce, security integrations, and data-intensive products. Owns work end to end - from ambiguous requirements and customer feedback through frontend, APIs, data, deployment, and production troubleshooting - with additional depth in search and applied AI.

SKILLS

Core: TypeScript, JavaScript, React, Next.js, Node.js, Python, SQL

Backend & data: REST APIs, PostgreSQL, Prisma, Firebase, authentication/authorization, webhooks, ETL

Cloud & delivery: Cloudflare Workers, D1, R2, Cloud Run, Vercel, Azure, Git/GitHub, production debugging, browser QA

Applied AI: Embeddings, semantic/vector search, OCR pipelines, model evaluation

EXPERIENCE

Oloodi Technologies / KROW Workforce

Jan 2026 - Present

Full-Stack & Customer Engineer | React, TypeScript, Node.js, Firebase, PostgreSQL, Cloud Run

- Build React/TypeScript product features and Node.js services supporting onboarding, shift assignment, time capture, timesheets, invoicing, and role-based workflows across Firebase, PostgreSQL, and Cloud Run.
- Work across frontend, backend, and data systems to troubleshoot production behavior and improve authorization, validation, integration coverage, and critical-flow QA.
- Prepare and deliver product demonstrations to teams at **Snapchat, Google, EA Sports, and NVIDIA**; translate customer feedback into implementation and release priorities.

Independent Consulting

Jan 2023 - Present

Software Engineer / Product Consultant | Part-time

- **Diane Party Rentals:** built quoting, inventory-locking, branded-document, booking, and Stripe payment workflows, reducing quote turnaround from **~24 hours to under 2 hours** while reducing manual coordination.
- **Ballerz Football Academy:** built scheduling, booking, and trainer-payout workflows with Next.js and Cal.com supporting **100+ monthly sessions**.

Ethos / HeyEthos

May 2022 - Nov 2025

Senior Full-Stack Engineer / Product Engineer | React, Next.js, TypeScript, Node.js, Shopify, Prisma, Azure, Vercel

- Built production Shopify storefront, point-of-sale, loyalty, merchant onboarding, membership, reporting, and billing workflows using React, Next.js, TypeScript, and Node.js.
- Owned product features end to end: translated requirements into frontend/API implementations, debugged production behavior, and iterated with product and customer-facing teams.
- Strengthened multi-tenant security through merchant isolation, authentication improvements, webhook HMAC validation, server-side app proxy routes, and safer cart/session handling.
- Built internal APIs that abstracted Flow and Ethereum operations - including deployment, minting, transfers, and metadata - behind simpler interfaces for product applications.

SaaS Alerts

Oct 2020 - Dec 2021

Software Engineer, Integrations & Security | Microsoft Graph, vendor APIs, Kibana

- Built security-event integrations across Microsoft Graph, IT Glue, Datto, ConnectWise, and Kaseya, normalizing vendor data into shared alerting workflows.
- Recreated security events and inspected API payloads and Kibana logs to identify missing signals, document integration limitations, and improve downstream alert reliability.

SELECTED PROJECTS

MTL Archives

2025 - Present

Archival search, data pipelines & public product

- Built a Next.js/Cloudflare platform combining Python/Node ingestion, OCR cleanup, D1/R2 storage, embeddings, text search, and semantic retrieval across a **14K+ historical record** historical archive.
- Shipped the public archive/search experience, a discovery game, and automated editorial workflows; January-July 2026 reporting recorded **2.66M Facebook and Instagram views**.

PortMind

2025 - Present

Vision-model benchmarking for port operations

- Designed and published an initial vision-model benchmark on Port of Montreal camera imagery, comparing five vision models against human reference labels for truck and container-attachment recognition.
- Built the evaluation workflow from image collection and labeling through model execution and error analysis, reporting agreement, misses, false alarms, and benchmark limitations rather than relying on aggregate accuracy alone.

EDUCATION

Flatiron School | Full Stack Software Engineering Certificate