Christian McFarland

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Summary

Full-stack developer with 9+ years building and shipping web applications and internal tools across healthcare and B2B SaaS. Strong in API design and modern front ends (TypeScript + modern frameworks). Known for translating messy business rules into reliable product experiences, collaborating in Agile teams, and delivering maintainable systems that reduce manual work and improve user workflows while prioritizing clarity, performance, and long-term maintainability for both users and engineering teams.

Experience

Resonate Health, LLC | Remote
Full Stack Developer (Contractor) | 01/2025 - Present

- Own end-to-end delivery of product features for a WordPress-based healthcare platform, turning ambiguous requirements into scoped work, implementable user flows, and maintainable custom plugins. *(WordPress, PHP, JS, WP REST API)*
- Collaborate in Agile ceremonies (Jira/Confluence) to plan sprints, manage priorities, demo releases, and keep stakeholders aligned on scope, edge cases, and definition of done.
- Built complex plugin integrations that connect membership, email, and form systems into cohesive workflows (gated content, onboarding, intake, and member communications). *(PMPro, MailPoet, Formidable Forms)*
- Designed and implemented an AI-powered knowledge layer: ingestion + chunking pipeline, embeddings, vector search, and a secured external service, integrated back into WordPress via authenticated endpoints. *(Ollama, Qdrant, Node.js, WP API security boundary)*

CareValidate, Inc. | Remote
Full Stack Developer | 02/2023 - 01/2024

- Built and supported a production SaaS application end-to-end, owning backend services and a TypeScript front end while shipping features through code review, testing, and CI/CD. *(Node.js, Vue, TypeScript, GitHub Actions)*
- Designed relational data models and implemented migrations, query logic, and API layers with validation/transforms to keep data consistent and workflows reliable. *(Postgres, migrations, API layer)*
- Primary project: delivered an HR accommodations request platform to streamline intake > review > decision workflows, enabling faster processing and clearer auditability for internal stakeholders.
- Contributed to an AI assistant initiative by implementing/supporting parts of the stack and product integration (as a supporting engineer). *(Python, LangChain, Next.js, OpenAI/ChatGPT API)*

ANDMORE (formerly International Market Centers) | Remote
Front End Developer | 03/2020 - 11/2022

- Delivered front-end features for a large B2B ecommerce ecosystem, translating Figma designs into production UI and integrating evolving APIs while keeping quality high through tests and reviews. *(Vue, TypeScript, unit tests, code reviews)*
- Maintained and evolved a shared Vue component library used across multiple apps/teams to improve consistency, speed up delivery, and reduce UI drift.
- Main project: built and enhanced a "Super Admin" internal platform that connected multiple tools in the product suite and standardized cross-app workflows. *(Vue + TS, Pinia, shared component library)*
- Integrated against a .NET backend using Swagger/OpenAPI as the contract source, frequently mocking responses to unblock UI development ahead of finalized endpoints.

RepZio, LLC | Juno Beach, FL
Front End Developer | 02/2019 - 03/2020

- Shipped fast-turnaround product work in a demo-driven environment: implemented Vue/TS features from loose requirements, integrated in-progress APIs, mocked data as needed, and performed hands-on QA. *(Vue, TypeScript)*
- Worked closely with product/design stakeholders through frequent demos and iteration cycles, optimizing for usability, speed of delivery, and reliability.
- Main project: rebuilt a legacy CMS into a modern white-labeled website builder / branded site management platform, expanding available page elements and improving the editing experience (including zoomed-out page preview and drag/drop layout).
- Main project: built a sales commissions application from the ground up in parallel with a .NET backend, coordinating on contracts and unblocking UI development before endpoints were complete. *(Swagger/OpenAPI-driven integration)*

Origin Code Academy | San Diego, CA
Instructor | 11/2017 - 12/2018

- Led full-stack instruction and mentorship: wrote lessons/demos, guided students through daily implementation, and reinforced best practices through reviews and practical projects. *(Node.js, React, testing, code review)*
- Built internal tools to streamline operations (progress tracking, assessments, attendance workflows) and reduce manual overhead for staff.
- Main project: developed an in-house Learning Management System for courses, progress, attendance, and student workflows. *(MERN stack)*
- Side project: created a barcode-based student check-in system using a Raspberry Pi + scanner, with a lightweight Python script sending scans to a Node.js endpoint to log check-in/out events.

LanTrax, Inc. | Buffalo, NY
Full Stack Developer | 11/2016 - 11/2017

- Built internal client/server applications in Visual Studio, delivering UI + backend features from rough requirements through production releases. *(VB.NET/.NET, HTML/CSS/JS, jQuery)*
- Wrote and refined SQL Server queries for reporting and operational workflows, supporting reliable day-to-day business functions. *(SQL Server, T-SQL)*
- Key project: maintained and extended a mission-critical email ingestion/parsing pipeline using highly specific regular expressions to normalize inbound messages into structured application data.
- Built and supported internal operational tools that depended on accurate parsing, clean data writes, and dependable reporting output.