

Don R. Walsh

Full Stack Developer

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Summary

Full-stack developer with seven years across fintech, compliance, and consumer platforms, strongest in TypeScript (React, Angular) and Node/.NET. Former development team lead who mentored engineers and coordinated multi-team rollouts. Recently shipped two LLM apps: a RAG rules assistant and a multi-model puzzle benchmark. Seeking a full-time or contract role.

Skills

Languages & Frameworks: TypeScript, JavaScript, Python, C#, Java, React, Redux, Angular, Node.js, NestJS, .NET, Spring Boot
Cloud, DevOps & Data: AWS, GCP, Docker, Jenkins, Ansible, Git, PostgreSQL, SQL Server, MongoDB, Elasticsearch
AI / LLM: RAG, Hybrid Search, Qdrant, Vercel AI SDK, OpenAI, Gemini, Ollama, LLM Evals

Projects

NYT Connections Solver | connections.donrwalsh.com TypeScript, NestJS, React, BullMQ, Vercel AI SDK
Benchmarks LLMs from multiple providers (OpenAI, Gemini, Ollama and others) against brute-force solving strategies on every NYT Connections puzzle, using queued background jobs and a public leaderboard

MTG Rules Assistant | mtg-rules.donrwalsh.com Python, FastAPI, RAG, Qdrant, Gemini
Answers MTG rules questions via hybrid dense + BM25 retrieval, citing the exact rules and rulings; scored on a 50-case eval set

Experience

Cogency Global, Inc. Jan 2024 – Jun 2025
Application Developer (development team lead role)

- Led a 4-person team building two internal .NET/Angular compliance tools for operations teams: a contact-verification tool and a nonprofit compliance tracker, replacing manual processes
- Turned operations requirements into technical designs; raised team code quality through code reviews and 1:1 coaching

Creed Interactive Feb 2021 – Sep 2023
Senior Developer

- Client ConvergeOne: Extended a custom containerized React/TypeScript chat application, re-architecting it into microfrontends so features could deploy separately; led code reviews for the client's in-house team
- Client Delta Dental of Michigan: Rapidly onboarded to an Angular/TypeScript codebase and established code-quality and testing standards in a SAFe environment; directed delivery of 2,600+ QA tests under a tight deadline

Perficient, Inc. Mar 2018 – Feb 2021
Senior UI Developer / Full Stack Developer / Solutions Developer

- Client Mitsubishi UFJ Financial Group: Developed and supported a Java/Spring trust and custody portal handling ~\$2B in transactions annually; helped migrate ACH bulk processing off legacy systems, earning a Perficient Innovation Award
- Client Adobe: Guided 50+ enterprise customer teams through migration to named-user licensing; built a mock roster REST API for integration testing and custom BI reports that tracked migration progress
- Client Poly: Built navigation prototypes that shaped a shipped redesign; implemented frontend updates for a company rebrand

Do Good Tech Aug 2017 – Feb 2018
Front End Developer

- Independently migrated a marketing site from AngularJS to Angular 4 under a strict deadline
- Built frontend features for a coupon redemption application, with additional contributions across the broader application
- Designed and implemented a dynamic-forms system letting non-technical staff publish content without developer involvement

Education

University of Minnesota, BS, Economics; Mathematics minor, Statistics minor 2012

Recognition & Community

Conversational Quantum Computing, Speaker, Minnesota Developers Conference Jun 2022
Technovation, Volunteer Mentor Jan 2021
Perficient Innovation Award, Perficient, Inc. May 2019
Automate the Boring Stuff: CI/CD, Speaker, Spring Meetup Jul 2018
Certified ScrumMaster, Scrum Alliance Jun 2018