

# John Dockery

Member of Technical Staff | AI Systems & Product Engineering

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## SUMMARY

Staff engineer with 8+ years building production AI, healthcare, marketplace, and data products across ambiguous zero-to-one and scaling environments. Strong in LLM agents, evaluation systems, backend architecture, TypeScript, Node.js, Python, Temporal, and React/Next.js. Product-minded technical leader who ships quickly, raises reliability and quality bars, and mentors engineers through complex system design.

## SELECTED STRENGTHS

<b>AI systems</b> LLM agents, RAG, MCP servers, synthetic evals, tracing, safety validators	<b>Product engineering</b> TypeScript, Node.js, Python, Temporal, APIs, React/Next.js, reliability, CI/CD
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## EXPERIENCE

**Summer Health | Series A, Sequoia Capital | New York, NY** 2024 - Present  
**Staff Engineer**

- Built agent and eval tooling for Meridian, including local workflows, production eval services, tracing, validators, and regression coverage for fast, safe LLM iteration.
- Built patient-agent capabilities for health conversations, threading symptoms, age, protocol retrieval, conversation history, and tool definitions into LLM response generation.
- Designed synthetic eval infrastructure with persona-driven conversations, stress scenarios, post-turn validators, clinical tool definitions, and emergency-detection safeguards.
- Built MCP servers and AI agents that expose contextual tools to LLM systems, improving agent architecture experimentation and making complex workflows easier to test and operate.
- Built an LLM-powered insurance verification platform for document understanding and automated coverage decisions, processing thousands of monthly verifications with 98% accuracy using Temporal and TypeScript microservices.
- Architected automated claims processing with RAG over medical documentation and AI fraud-detection models, handling thousands of monthly claims with 95% automation and 99% uptime.

**Amazon / One Medical | New York, NY** 2022 - 2024  
**Senior Software Engineer**

- Led architecture and implementation of a callback queue for One Medical's video chat platform, improving care access while maintaining HIPAA-conscious reliability.
- Expanded Treat-Me-Now healthcare messaging workflows, increasing user engagement and service reach.
- Moved CI pipeline toward continuous delivery and mentored engineers on coding, architecture, operational reliability, and pragmatic scale tradeoffs.

**Workrise | Washington, DC** 2021 - 2022  
**Software Engineer**

- Built end-to-end marketplace product surfaces for contingent labor shortages with React, NestJS, and TypeScript.
- Engineered admin tooling and authorization systems, streamlining user management and strengthening platform security.
- Improved application performance through service-oriented architecture and latency reduction.

**U.S. News & World Report | Washington, DC** 2019 - 2021  
**Software Engineer**

- Developed and launched the Best Credit Cards ranking algorithm, contributing to 14% YoY revenue growth.
- Built Python data pipelines, APIs, and React applications supporting high-traffic consumer decision products.

**CapTech Ventures | Washington, DC** 2018 - 2019  
**Software Engineer**

- Delivered scalable software for Fortune 100 financial-services clients and introduced React patterns that improved code efficiency.
- Led cross-functional implementation work and strengthened test/debugging practices across delivery teams.

## EDUCATION

**University of North Carolina at Chapel Hill | Chapel Hill, NC**  
BS, Information Science