

BRYAN OYLOE

Forward Deployed Engineer | Full-Stack & Customer Solutions

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SUMMARY

Full-stack software engineer with 5+ years of experience turning ambiguous requirements into secure production applications for healthcare, pharmaceutical, enterprise, and other client environments. Hands-on across discovery, system design, APIs, data, frontend delivery, testing, rollout, and production support. Combines customer-facing technical ownership with React, TypeScript, Ruby on Rails, Node.js, Python, PostgreSQL, and applied AI automation.

CORE CAPABILITIES

Customer Delivery: Technical discovery, requirements shaping, solution design, stakeholder collaboration, iterative delivery, production support

Full Stack: React, TypeScript/JavaScript, Ruby on Rails, Node.js, Next.js, FastAPI, REST, GraphQL

Data & Integrations: PostgreSQL, SQL, relational modeling, SQLite, third-party APIs, integration services

Applied AI & Automation: LLM integrations, agentic workflows, AI-assisted development, evaluation workflows, human-in-the-loop validation

Production Engineering: AWS, Docker, CI/CD, TDD, Jest, React Testing Library, systemd, Tailscale, deployment verification and health checks

Regulated Systems: Healthcare applications built for HIPAA-regulated workflows, digital prescription systems, privacy-sensitive data

PROFESSIONAL EXPERIENCE

Whitelabel Collaborative — Full Stack Developer II

Feb 2021–Present · Remote

- Own client-facing features end to end: clarify needs with product, design, and client stakeholders; shape technical solutions; estimate and sequence work; implement, test, release, and support production behavior.
- Build and maintain production systems spanning React and TypeScript interfaces, Rails/Node backend services, APIs, integrations, and relational data for healthcare, pharmaceutical, roofing, and real estate clients.
- Developed a digital prescription portal for HIPAA-regulated workflows that securely transmits prescription information between physicians and enterprise systems.
- Design and enhance REST and GraphQL services and third-party integration layers, emphasizing clear data contracts, maintainability, and reliable integration behavior.
- Introduced AI-assisted workflows for code review, bug detection, and data summarization with validation and human oversight.
- Raise delivery quality through TDD, code review, debugging, CI/CD practices, incremental modernization, and teammate mentoring.

Igedla LLC — Full Stack Mobile Development Intern

Dec 2020–Apr 2021 · Denver, CO

- Built a React Native symptom-checker integrated with the Merck Manual API and helped shape maintainable cross-platform frontend architecture.
- Designed and launched the company website from scratch using Gatsby and React.

Newpark Drilling Fluids — Drilling Fluids Specialist II

Jul 2018–Feb 2020 · Denver, CO

- Contributed to a high-stakes technical remediation that saved a client approximately \$3M, coordinating analysis and decisions with engineering and operations stakeholders.

SELECTED DEPLOYED SYSTEMS

Alexandria Job Search Command Center — Python, FastAPI, SQLite, LLM workflows, Tailscale, systemd

Built and deployed a private workflow platform that ingests job data, applies structured candidate-fit evaluation, tracks application state, and delivers recommendations. Separated source-specific ATS adapters from source-agnostic evaluation, added cost controls that avoid redundant model calls, and productionized the service on a VPS with token-gated private access, durable storage, tests, and operational health checks.

Daily Momentum Command Center — Python, FastAPI, SQLite, Telegram, Tailscale

Built and deployed a private task and reminder system with a browser dashboard and Telegram interface backed by shared durable state; verified releases with automated tests, HTTP checks, browser smoke tests, and database readbacks.

EDUCATION

Flatiron School — Full Stack Web Development Program

University of North Dakota — B.Sc. in Petroleum Engineering