

# JASON WALKER MOODY

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## LEAD FRONTEND ENGINEER

Senior Angular Developer with 6+ years of experience specializing in **Modern Angular (Signals, Standalone Components)** and **DevOps automation**. Expert in transitioning enterprise applications to reactive architectures using **NgRx Signal Stores**. Proven leader in AI adoption, having trained hundreds of developers on **GitHub Copilot** workflows. Expert in repository infrastructure, custom CI/CD pipelines, and bridging the design-engineering gap.

## CORE COMPETENCIES

- **Modern Angular:** Signals, Standalone Components, Fine-Grained Reactivity, Angular v18+.
- **State Management:** NgRx Signal Store, Component-Level State, RxJS Interop.
- **DevOps & Automation:** GitHub Actions, CI/CD, Repo Security, Playwright (E2E), Workflow Syncing.
- **AI & Efficiency:** Advanced GitHub Copilot utilization, Prompt Engineering, Automated Issue Templating.
- **Leadership:** Repository Ownership, Technical Mentorship, Cross-Team Standardization.

## PROFESSIONAL EXPERIENCE

**Lead Frontend Engineer** | National Oilwell Varco (NOV) | Remote

2019 – Present

- **Repository Ownership & DevOps:** Sole owner of repo structure, security, and CI/CD. Orchestrated the app extraction from a legacy monorepo into a dedicated, optimized repository.
- **Modernization & Performance:** Refactored the codebase to align with modern Angular standards, implementing **Standalone Components**, **Signals**, and paginated data requests to significantly improve runtime performance and developer experience.
- **Reactive State Management:** Led the architectural shift from complex global state to modular **Component-Level Signal Stores**, reducing boilerplate and improving application reactivity.
- **Workflow Automation:** Architected a 'seed repo' to sync templates across FE/BE/Mobile repos for consistency. Wrote custom GitHub Actions to enforce process compliance (e.g., mandatory issue linking).
- **AI Leadership & Mentorship:** Top company-wide Copilot user; led workshops for hundreds on automation, issue templating, and workflow acceleration.
- **Testing Strategy:** Modernized the testing stack by integrating **Playwright** for End-to-End (E2E) testing alongside unit tests, ensuring robust coverage for critical user paths.
- **Pattern-Driven Development:** Ensure strict UI consistency by enforcing established design guidelines, enabling the team to build features rapidly without dependency on design specifications for every iteration.

**Resource Analyst II** | Alfa Insurance | Remote

2014 – 2019

- **Technical Support & Analysis:** Provided Tier-2 technical support for agent-facing software, diagnosing root causes of application failures to inform development patches.
- **Process Optimization:** Developed technical documentation and led remote onboarding sessions, reducing ramp-up time for new hires.
- **User Feedback Integration:** Analyzed user friction points to provide actionable technical recommendations that improved application usability.

## PREVIOUS EXPERIENCE

**Internet Sales Consultant** | Capitol Hyundai

2014

- Automated email marketing campaigns and lead generation workflows.

**Writing Intern** | Auburn University Montgomery

2012 – 2013

- Managed content for the department website and tutored students in academic writing.

**Psychological Operations Specialist** | US Army

2002 – 2006

- **Strategic Intelligence:** Conducted target audience analysis and synthesized intelligence into actionable reports.
- **Technical Operations:** Operated prototype unmanned aerial vehicles (UAVs) and provided critical engineering feedback on performance.

## EDUCATION

Full-stack Programming (Python, React, JavaScript) Byte Academy Houston

2019

Bachelor of Science in Psychology Auburn University Montgomery

2013