Terry S. Felton III

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Senior Platform Engineer | Internal PaaS, Cloud & AI Platforms

Senior Platform Engineer who builds and operates internal developer platforms, cloud infrastructure, and AI delivery systems. Combines hands-on software engineering with architecture and product ownership to turn application ideas into secure, repeatable production releases across OCI, Kubernetes, GitLab CI/CD, and Oracle.

Skills

Languages: Python | TypeScript | JavaScript | C# | SQL/PLSQL
Cloud & Platform: OCI | OKE/Kubernetes | Docker | Nginx | OpenTofu | Internal PaaS
Delivery & Automation: GitLab CI/CD | Infrastructure as Code | Liquibase Secure | Workato
Identity & Security: Microsoft Entra ID | OAuth 2.0/OIDC | JWT/JWKS | RBAC | Secret Management
AI Engineering: RAG/LLM Workloads | AI Agents | Claude Code | MCP | AI-Assisted SDLC
Applications & Data: React | Angular | .NET/Blazor | FastAPI | Oracle DBA/ATP/ORDS | MSSQL

Experience

JPI Coppell, TX
Senior Platform Engineer Aug 2026 - Present
- Developed and maintain an internal Platform as a Service (PaaS) on OCI Kubernetes Engine, unifying application hosting, onboarding, identity, routing, and development-to-production delivery.
- Delivered a five-service application platform to production, combining a React portal, Nginx reverse proxy, centralized SSO, REST APIs, and an Oracle-backed registry through coordinated GitLab and Liquibase releases.
- Built a reusable Python JWT/JWKS verification SDK and integrated central SSO and application roles across three RAG services, removing duplicate sign-ins and standardizing authorization.
- Administer Oracle Autonomous Databases across dev and prod, provisioning schemas, users, least-privilege roles and grants; publish ORDS APIs and manage Liquibase migrations.
- Built Oracle-backed audit logging and an admin dashboard for user attribution, request tracing, and application usage reporting.
- Standardized GitLab CI/CD with automated security checks, Kubernetes namespace isolation, internal-only services, runtime secrets, release validation, and rollback controls.
- Lead architecture and application onboarding across engineering, security, and database teams; create reusable templates, migration guides, training, and AI-assisted development workflows.

Data & Application Developer May 2025 - Aug 2026
- Consolidated application hosting onto two shared OKE load balancers and retired 15 legacy per-application load balancers; introduced a central proxy to overcome cloud routing-capacity limits.
- Led application modernization as Project Manager and Product Owner, defining architecture, roadmaps, sprint priorities, acceptance criteria, and executive reporting.
- Migrated web, API, and RAG/LLM workloads to shared OKE; resolved failures across networking, TLS, identity, application paths, node storage, and deployment configuration.
- Integrated Liquibase Secure into Oracle release workflows with policy checks, dry-run reports, rollback testing, and production approval gates; developed Oracle/APEX applications, REST integrations, and Workato automations.

Perficient / Charles Schwab Lafayette, LA
Associate Technical Consultant / Full Stack .NET Developer Jul 2024 - Jan 2025
- Contributed to an enterprise modernization effort migrating a legacy application to Angular and .NET/C#.
- Built reusable Angular components and accessible UI enhancements, including JAWS screen-reader support, progress indicators, scrolling, and data-table navigation.
- Diagnosed frontend and backend issues and coordinated production-ready changes with designers, engineers, and stakeholders in an Agile release environment.

Acadian Ambulance Lafayette, LA
Application Developer Nov 2022 - Jul 2024
- Developed and maintained internal applications using Blazor/Razor, .NET, React, JavaScript/TypeScript, and MSSQL.
- Delivered features across concurrent applications and supported TeamCity and Octopus Deploy CI/CD workflows, releases, and production issue diagnosis.
- Collaborated with development and IT stakeholders to define specifications and improve existing systems.
- Refactored legacy frontend and backend features to improve performance, maintainability, and long-term supportability.

Computer Technician Jan 2022 - Nov 2022
- Diagnosed hardware and software issues, supported employees, and coordinated secure cross-team technical resolutions.

Education & Certifications

Bachelor of Computer Science, University of Louisiana at Lafayette Dec 2023
GitLab Fundamentals Associate | GitLab Certified CI/CD Associate | CompTIA IT Fundamentals+ | Adobe Certified Associate