

KEVIN 'TYLER' COX

Angular Developer

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📄 ty-lercox.github.io/portfolio/

Summary

U.S. Citizen; eligible for Public Trust. Angular specialist (Angular 10+, Signals, RxJS, NgRx) building secure, performant, and observable web applications. 11 years at Expeditors delivering modern Angular UIs, integrating with RESTful Spring Boot and .NET APIs, partnering with UX on responsive, cross-browser interfaces, and standing up CI/CD (Azure DevOps, GitLab Runners, GitHub Actions). Strong in Agile Scrum (8+ yrs) and Kanban, testing (unit/integration, Cypress E2E), and enterprise security (Keycloak SSO, PKI/TLS/mTLS).

Education

Computer Science

Trident Technical College

Technical Skills

Angular (Signals, RxJS, NgRx), TypeScript, JavaScript, HTML5, CSS3, RESTful API integration, UI architecture & component design, Java (Spring Boot, Spring Data/JPA), C# (.NET Web API, Entity Framework), Cypress (E2E), Unit & integration testing, Git (GitLab, GitHub), Pull requests & code reviews, NPM, CI/CD (Azure DevOps, GitLab Runners, GitHub Actions), Ansible, Kubernetes, GCP & Firebase, Grafana, Prometheus, Loki, Tempo, Keycloak (OIDC/SAML), Kerberos, PKI/Certificate Authority, TLS/mTLS, Responsive UI patterns; Cross-browser compatibility, Feature flags, DORA metrics, Ionic (personal projects)

Soft Skills

Communication (written & verbal), Cross-functional collaboration, Technical leadership & coaching, Stakeholder communication, Problem solving & critical

Work Experience

Expeditors International (Expeditors)

Aug 2014 — Present

Angular Application Developer

Design and delivery of Angular front-ends and platform tooling across multiple internal applications; emphasis on observability, automation, security, and Agile delivery.

- Developed and maintained Angular applications (Signals, RxJS, NgRx) for logistics/operations; translated stakeholder needs into Azure DevOps user stories and delivered working capabilities each sprint (Agile Scrum).
- Integrated Angular UIs with RESTful APIs in Java Spring Boot and .NET; built typed HTTP clients and interceptors for auth/telemetry to improve reliability and traceability.
- Implemented responsive UI patterns and ensured cross-browser compatibility; debugged and resolved issues across browsers/devices.
- Wrote unit and integration tests and Cypress end-to-end tests; enforced quality gates in CI and participated in code reviews to maintain standards.
- Collaborated with UX/UI designers to turn wireframes into reusable Angular components and accessible interfaces.
- Optimized performance and maintainability using predictable state patterns (NgRx, Signals) and domain-driven module boundaries.
- Standardized CI/CD with GitLab Runners and GitHub Actions; promoted artifacts and tracked work via Azure DevOps; automated provisioning with Ansible; supported Kubernetes deployments.
- Implemented observability with Grafana stack—Prometheus (metrics), Loki (logs), Tempo (traces)—and SLO dashboards/alerting to reduce MTTR.
- Hardened authentication and transport security: Keycloak SSO (OIDC/SAML), Kerberos, internal CA/PKI, and TLS/mTLS with certificate rotation policies.
- Authored Python utilities to create child User Stories under Features in Azure DevOps (Iteration, Assignee, Area, Story Points), increasing planning throughput and consistency.

Projects

ODEYA.app

Feb 2025 — May 2025

<https://ty-lercox.github.io/portfolio/posts/odeya-overview/>

Personal web app that auto-curates YouTube playlists from collections of channels so new uploads from any channel in a collection flow into a single playlist.

- Implemented server-side rendering so shared playlists are SEO-indexable; aggregation logic supports many-to-one channel collections; reduced manual playlist upkeep.

Logistics Process Orchestration

Created using <https://atsresume.vercel.app/>

thinking, Self-starter / independent, Agile Scrum (8+ years) and Kanban facilitation

Additional Skills

Observability & SRE practices,
Documentation: Markdown, ADRs,
Microsoft Office: Word, Excel,
PowerPoint, Outlook, AI-assisted
engineering (LLMs/ChatGPT CLI), Testing
& quality gates, Release & deployment
strategies

Languages

English

Front-end architecture for step-centric workflows replacing purely event-driven UIs in logistics operations.

- Normalized state, clear effects, and deterministic UI flows; fully instrumented for metrics/logs/traces.

Observability Enablement

Service health/SLO dashboards with Prometheus metrics, Loki logs, and Tempo traces; alerting integrated with deployment telemetry.

- Improved issue detection and trace-led debugging across services; consistent dashboards for teams.

CI/CD Blueprint

Reusable pipelines (GitHub Actions/GitLab Runners) and Ansible roles for consistent build/test/deploy across on-prem and cloud targets.

- Cut lead time to change; standardized quality gates and environment promotion.

SSO & PKI Hardening

Unified identity and secure transport across services.

- Keycloak (OIDC/SAML), Kerberos, internal CA/PKI, TLS/mTLS, and certificate lifecycle policies.

Azure DevOps Utilities

Python tooling to create child User Stories under Features with Iteration, Assignee, Area, and Story Points fields.

- Accelerated planning and improved consistency of backlog data.