

LAKUNTA TILLIS

Spring, TX 77379 | 469-592-9803 | kt_tillis@hotmail.com | www.lrtillis.com

SENIOR FRONT-END ARCHITECT | ANGULAR & REACT EXPERT

Enterprise-focused Technical Architect with 15+ years of software engineering experience, including 10+ years specializing in scalable React and Angular ecosystems across finance, healthcare, retail, and energy sectors. Expert in driving client-side architecture, building accessible enterprise design systems (WCAG/AXE), and implementing performance optimization plans (SSR, Hydration, Lazy Loading). Proven track record leading cross-functional engineering teams, modernizing legacy systems, and accelerating delivery velocity through AI-driven development workflows.

TECHNICAL CORE PROFICIENCIES

- **Frameworks & Libraries:** Angular (2–19), React, Next.js, Vite.js, Node.js, RxJS, Redux Toolkit, Tailwind CSS, Bootstrap, Storybook
- **Cloud & API Ecosystems:** AWS (Lambda, S3, Serverless), Azure, RESTful APIs, GraphQL, Micro-services (Java Spring Boot)
- **Architecture & UI/UX:** Micro-frontends, Component-Driven Design, Figma Token Systems, MVVM, MVC, Technical Design Documentation
- **Tooling & DevOps:** Git, GitHub, Bitbucket, CI/CD (Jenkins, SonarQube, Selenium), Docker, Package Managers (NPM, Yarn)
- **Compliance & Testing:** WCAG 2.2, Axe DevTools, Lighthouse, Cypress, Karma, Jasmine, Jest

PROFESSIONAL EXPERIENCE

Priivu LLC | *Senior Full-Stack Architect / Consultant / SME*

Mar 2026 – Present

- Architect modern, accessible user interfaces and high-performance component libraries leveraging React, Next.js, and TypeScript.
- Engineered dynamic routing architectures and custom map endpoint API integrations within Next.js server environments.
- Authored comprehensive technical documentation detailing zone-level and component-level lazy loading strategies to maximize performance.
- Deployed an automated accessibility compliance workflow utilizing Axe Linter and Lighthouse within the active CI/CD development cycle.
- Integrated AI-assisted development tools (Cursor, Codex, ChatGPT) to optimize refactoring pipelines and accelerate rapid proof-of-concept delivery.

Unifirst | *Senior Frontend Consultant*

Aug 2025 – Feb 2026

- Designed modular, reactive Angular layout components powering the core customer enterprise portal, significantly improving UI maintainability.

- Successfully mapped complex SAP Hybris BackOffice systems and SmartEdit templates into a decoupled SAP Spartacus (Angular) storefront.
- Directed front-end architecture integration plans alongside backend engineering teams within Azure and Bitbucket DevOps pipelines.
- Engineered reactive, asynchronous services utilizing RxJS state management for high throughput transactional API endpoints.
- Developed data-driven mobile custom themes leveraging Figma tokens, Sass, and GreenSock animation libraries.

Signet Jewelers | *Senior Architect III*

Apr 2021 – June 2025

- Led the strategic storefront migration from legacy Accelerator architecture to a decoupled, Composable Storefront utilizing SAP Spartacus (Angular).
- Designed and developed a cross-platform mobile proof-of-concept application using React Native to support corporate omni-channel initiatives.
- Implemented a strict UI performance optimization plan utilizing Server-Side Rendering (SSR), hydration strategies, and targeted API lazy loading.
- Developed a custom Angular schematic enabling developers to automatically generate automated unit tests with integrated Axe accessibility checks.
- Achieved 80% global code coverage across the frontend ecosystem by establishing rigorous testing frameworks using Karma, Jasmine, and Cypress.

Citi Group | *Application Developer*

Oct 2019 – Apr 2021

- Developed highly secure enterprise React and Angular applications by converting Figma designs into the firm's strict Digital Design Language (DDL) component specifications.
- Engineered and managed the global Bitbucket repository architecture, implementing a robust branching and merging strategy for multi-functional development squads.
- Collaborated with DevOps teams to design and deploy automated CI/CD pipelines integrating Jenkins, SonarQube, and Selenium for Adobe Experience Manager (AEM) assets.
- Bridged technical execution and business requirements by translating functional specs into actionable Jira developer user stories for product owners and QA analysts.

The Intersect Group | *Sr. UI Developer*

Aug 2019 – Oct 2019

- Architected reusable Angular components powering enterprise ERCOT analytics dashboards and calculated data service layers.
- Successfully refactored legacy Angular infrastructure up to Angular 8, rebuilding the data store for scalable state management.
- Delivered end-to-end testing metrics using Karma, Jasmine, and Protractor while coordinating with DevOps on production lifecycle deployments.

Sirius XM Radio | *Senior UI Developer Lead*

Jun 2017 – Jul 2019

- Led front-end engineering initiatives to design and build high-performance data-driven telematics web portals and customer-facing interfaces.

- Directed the technical migration from legacy AngularJS controllers to modular Angular components, optimizing core application speed and maintainability.
- Implemented advanced Adobe Analytics event tracking and service API integrations to capture critical real-time application usage metrics.

Parkland Hospital | *Lead UX Designer*

Jun 2014 – Apr 2017

- Architected enterprise Single Page Applications (SPAs) and secure mobile applications using HTML5, CSS3, and AngularJS data-binding patterns.
- Configured and maintained reliable server environments using IIS, Apache, and WAMP/LAMP structures with phpMyAdmin backend systems.
- Created digital training architectures and simulated user workflows ensuring strict compliance with Parkland's high-stakes Corporate Integrity Agreement (CIA) mandates.

Texas Health Presbyterian Resources | *Multimedia Specialist*

Nov 2010 – May 2014

- Built Virtual Reality based Interactive Learning Simulation Systems using Blender and Unity 3D for enterprise-wide compliance training.
- Developed interactive learning architectures for the centralized LMS serving over 25,000 employees.

Mary Kay | *Lead UI Designer*

Jan 2009 – June 2010

- Designed and executed interactive frontend application mockups and cross-platform UI architectures using HTML, CSS, JavaScript, and jQuery frameworks.
- Engineered early mobile-responsive proofs of concept tailored specifically for e-commerce layouts on iOS and Android platforms.

ADDITIONAL HISTORICAL EXPERIENCE

- AT&T Training Center | Training Module Developer (2008)
- Choice Homes | Flash Application Developer (2008)
- Wabidesigns | Freelance Interface Designer (2005 – 2008)

CERTIFICATIONS & EDUCATION

- Microsoft Certified Professional (MCP)
- UX Design Specialist — Certified
- Full Sail University — Mass Media Communications Certification