Derek Hanciles

Senior Software Engineer · Los Angeles, CA
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SUMMARY

Senior Software Engineer with 7+ years owning web and mobile products from concept through launch — Angular/TypeScript frontends, Figma-driven design systems and the services behind them. Comfortable at the seam of product, design, and engineering: prototyping to settle UX questions early and shipping accessible, tested components.

EXPERIENCE

Founder & Senior Software Engineer · Five Points Studios — Remote Sep 2025–Present
Embedded product and software consultancy

- Owned 0-1 delivery of AI-powered software upgrade automation built on Claude with Python/FastAPI on GCP, translating developer pain points into agent workflows that cut upgrade cycles from 1–2 weeks to 2–3 days; reduced client costs by ~$7.2M annually.
- Prototyped and led conversion of 5 monolithic component repositories into a shell-composed micro-frontend, unifying builds, deploys, and dependency upgrades and cutting operation overhead by 90%.
- Audited a consumer brand's UI and UX and prototyped a redesigned homepage, product detail page, and purchase flow in Figma, using it to scope a prioritized roadmap and estimates.

Senior Software Engineer · CSX (concurrent contract via Crux Digital) — Remote Sep 2025–Jan 2026

- Implemented a unified design system across 5 enterprise applications, building custom components from Figma mocks with PrimeNG v19 theming in direct partnership with a designer; enforced consistency and accessibility with unit tests, visual regression, and VoiceOver screen-reader checks on every shared component.
- Migrated 5 applications from Angular/PrimeNG v16 to v19, behind a regression suite of Jasmine/Karma unit and Cypress e2e, shipping all 5 with zero rollbacks; improved build performance and aligned the platform and current LTS standards.
- Redesigned core ShipCSX user workflows from 5 screens to 3 (a 40% reduction), prototyping the flow with design and defining requirements before committing to build.
- Resolved versioning and dependency conflicts across the shell repositories composing ShipCSX's micro-frontends, enabling reliable CI/CD deployments with automated test gates on every merge.

Senior Software Engineer · Charter Communications (Spectrum) — Denver, CO Aug 2021–Sep 2025
Software Engineer · Unison Systems, contract at Charter Jul 2019–Aug 2021

- Built the UI and unit-tested GraphQL integration layer for a 0-1 customer experience dashboard (Angular, NgRx Entity) that automated credits and equipment replacements for underperforming service; cut support calls by 20% and protected $10M+ in annual revenue.
- Delivered a greenfield self-service scheduling experience, defining GraphQL API contracts and third-party integration requirements that replaced a vendor solution with an owned customer journey for scheduling, rescheduling, and real-time technician updates.
- Reduced app bundle size by 35% by removing 250,000+ lines of code, introducing Angular route factories to serve multiple code versions dynamically and centralizing GraphQL queries, error handling, and assets.
- Led adoption of Ionic and Capacitor, enabling a single codebase across web, Android, and iOS; developed a migration roadmap and trained mobile engineers, contributing to a #1 ranking on the App Store and Google Play.

SELECTED PROJECTS

Prediction Market Odds Engine · Personal Project 2026

- Python/FastAPI service on GCP that integrates Kalshi and Polymarket APIs, normalizes inconsistent market schemas, and exposes endpoints returning ranked arbitrage and positive-EV opportunities.

EDUCATION

Software Engineering Certification, Turing School of Software and Design 2019

SKILLS

Engineering: TypeScript, JavaScript, Angular, RxJS, NgRx, HTML/CSS, Accessibility (Semantic HTML, VoiceOver Screen-Reader Testing), Testing (Jasmine, Karma, Jest, Cypress, Cucumber), Design Systems (PrimeNG), Micro-Frontend Architecture, Cross-Platform (Ionic, Capacitor), GraphQL, REST, Node.js, Python, SQL, Cloud (GCP), CI/CD (Jenkins, Docker), LLM/Agent Prototyping (Claude API, RAG)
Design & Product: Figma, Rapid Prototyping, Design-to-Code Translation, Requirements Definition, A/B Testing, Agile (Scrum), Jira