

Lotus Innovations LLC is a California-based software consulting firm specializing in mobile application development, front-end web engineering, enterprise software modernization, and applied AI. Founded in 2023, we bring over 10 years of senior engineering experience to complex technical challenges in regulated industries: healthcare, financial services, and government. We help organizations accelerate mobile and web releases, modernize legacy systems, build accessible digital services, and put AI to work in production.

CORE COMPETENCIES

Mobile Application Development

- Native Android (Kotlin, Jetpack Compose)
- Cross-platform (React Native, Expo)
- Architecture design and code review
- App store release management

Front-End Web and UI/UX Engineering

- Interactive web apps and dashboards (JavaScript/TypeScript, React)
- Map-based applications: Google Maps and Mapbox SDK integration, custom layers, GeoJSON rendering
- Usability testing; design for non-technical users

Applied AI and Data Analytics

- Anthropic Claude Certified Architect Foundations (issued 2026); agentic system design to the vendor's own architecture standard
- Production conversational AI with guardrails and escalation paths; agentic workflow automation
- AI evaluation engineering: golden-dataset eval harnesses, failure-taxonomy reporting, model cost right-sizing
- Production agent deployment on existing systems: audit trails, human approval gates, staged rollout
- NLP pipelines for categorizing and routing unstructured request data
- Predictive analytics and leadership dashboards

Digital Accessibility (Section 508 / WCAG 2.x AA)

- DHS Certified Trusted Tester (certification issued 2026); ACR/VPAT authoring
- Conformance engineered in during development, not audited afterward
- Mobile depth: TalkBack and VoiceOver support, Android accessibility tooling, semantic labeling, focus order, touch targets
- Web: semantic HTML, keyboard operability, focus management, contrast, ARIA; axe DevTools, Lighthouse, WAVE verification
- Accessible documents (Word, PowerPoint, PDF)

Enterprise Modernization, Cloud, DevOps

- Legacy migration, refactoring, technical debt reduction
- CI/CD design, DevOps automation, release engineering
- AWS, GCP, Azure; API design and integration

Compliance and Security

- HIPAA-compliant mobile and web development
- Secure coding; patterns that keep PII/PHI out of client surfaces
- Compliance documentation and audit support

DIFFERENTIATORS

- **Deep enterprise experience:** 10+ years building software for Fortune 500 companies and high-growth startups
- **Regulated industry expertise:** healthcare, financial services, and compliance-heavy environments
- **Accessibility as engineering:** conformance built in at the component level by people who fix code, not just catalog findings
- **End-to-end capability:** architecture through deployment, maintenance, and training
- **Knowledge transfer focus:** SOPs, quick-reference guides, and hands-on training are standard deliverables
- **Small business agility** with enterprise-grade quality standards and rapid response to surge requirements

PAST PERFORMANCE

Commercial Sector

Client Type	Industry	Scope	Outcome
Fortune 500 Healthcare	Healthcare IT	Android platform modernization	Release cycle reduced from 6 weeks to 2 weeks
Series B Fintech	Financial Services	React Native migration	Successfully migrated 500K+ user app
Enterprise Retail	Retail Technology	Mobile CI/CD implementation	90% reduction in build failures
Healthcare Startup	Digital Health	HIPAA-compliant mobile app	Achieved SOC 2 compliance
Medical Device Manufacturer	MedTech (current, 2026)	E-commerce platform modernization and remediation	In progress

Government & Public Sector

Principal consultant brings 3+ years of federal/state implementation experience: Federal Reserve Bank (enterprise portal, system integration); DOT/PHMSA (Oracle implementation, regulatory systems); Office of Personnel Management (HR system integration and modernization); State of Hawaii DHS (benefits system); City of Oakland (municipal systems); RTD Denver (transit systems). Gained at a boutique Oracle partner later acquired by Deloitte. Detailed documentation available upon request with appropriate NDAs.

CORPORATE DATA

Legal Name	Lotus Innovations LLC	NAICS	541511 Custom Computer Programming (primary, \$34.0M) · 541512 Computer Systems Design (\$34.0M) · 541519 Other Computer Related (\$34.0M) · 541611 Admin Mgmt Consulting (\$24.5M) · 541690 Other Sci & Tech Consulting (\$19.5M)
UEI	NNMXAM3K7U25	PSC	D302, D306, D307, D310, D316, D399
CAGE Code	18UT2	Certifications	DHS Certified Trusted Tester (issued 2026); Anthropic Claude Certified Architect Foundations (issued 2026); California Certified Small Business, Micro (Cert 2054455); SAM.gov registered; CAGE assigned; Small Business (SBA size standards); Self-Certified SDB; Minority-Owned (Subcontinent Asian American); California SOS active; City of LA BTRC
SAM.gov	Active through February 3, 2027		
Business Type	Small Business, Minority-Owned, Self-Certified SDB, Subcontinent Asian (Asian-Indian) American Owned		
Established	2023 (California)		
Employees	1-5		
Address	Encino, CA 91436		

Teaming & Subcontracting. Lotus Innovations actively seeks teaming and subcontracting opportunities in mobile and web development, digital accessibility (Section 508/WCAG) testing and remediation, applied AI and data analytics, software modernization, cloud and DevOps, and healthcare IT. We support prime contractor small business subcontracting goals and respond rapidly to surge requirements.

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