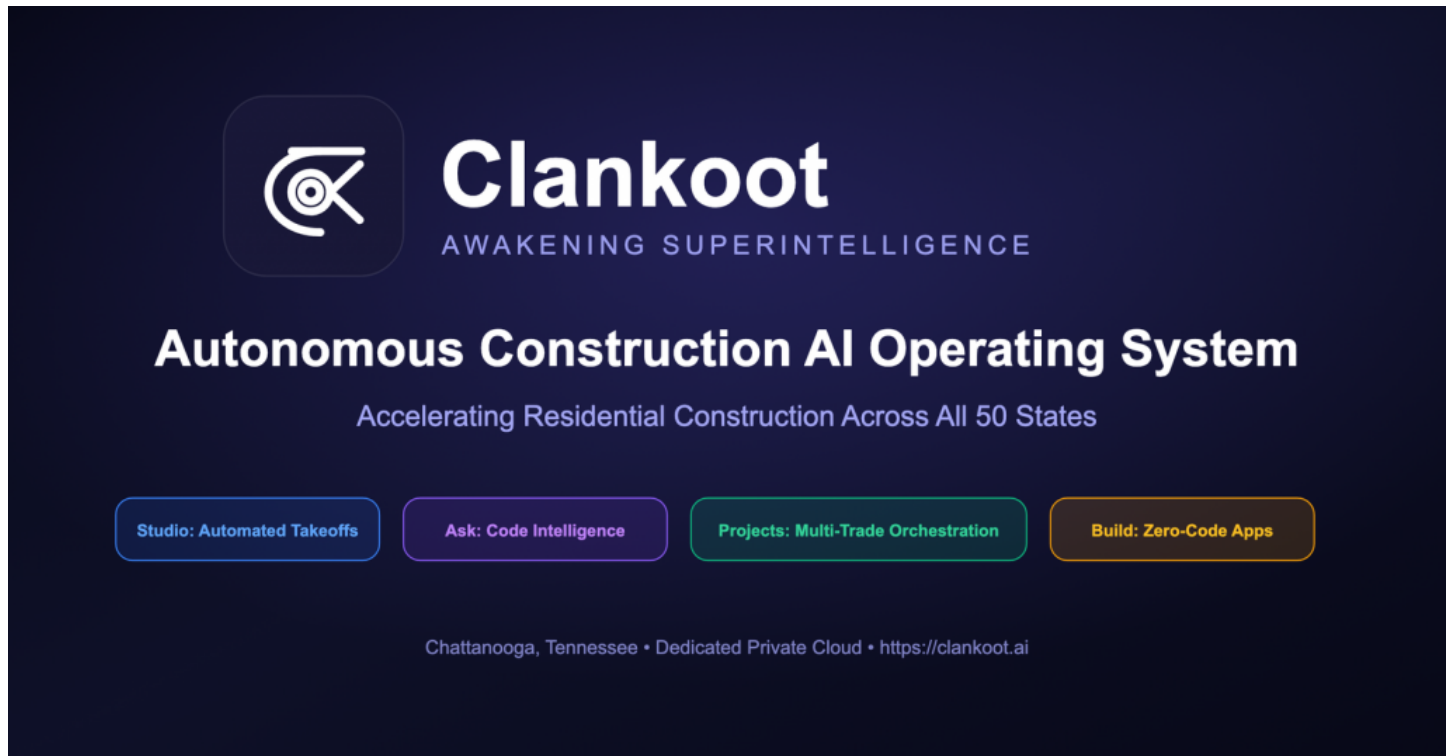


Tennessee Tech Venture Clankoot Releases Multi-Agent AI System to Help Resolve National Housing Deficit

Autonomous construction software platform Clankoot introduces private cloud AI technology that compresses single-family homebuilding cycles by 33.6% across all 50 states.



Chattanooga, Tennessee Oct 9, 2026 ([Issuewire.com](https://www.issuewire.com)) - Autonomous construction technology platform Clankoot, founded by software systems architect Abinesh Seelan in Chattanooga, Tennessee, today announced the public release of its multi-agent operating system engineered to accelerate U.S. single-family residential construction.

As American homebuilders navigate an unprecedented housing shortage exceeding 4.5 million homes alongside a deficit of 400,000 skilled trade workers, Clankoot provides an integrated digital platform that automates preconstruction estimating, jobsite code compliance, and subcontractor scheduling.

"Over 85% of American homes are constructed by independent general contractors with small teams," stated Abinesh Seelan, Founder of Clankoot. "These local builders don't have the budget for full-time software engineering departments or dedicated building code specialists. Clankoot levels the playing field, equipping independent contractors with enterprise-grade coordination on private cloud infrastructure."

Core System Capabilities Announced Today:

1. Computer-Vision Takeoffs: The Studio Agent processes complex architectural PDF plan sets, extracting CSI MasterFormat material schedules in under 4 minutes with 99.4% accuracy.
2. Code-Gated Jobsite Schedules: The Ask Agent and Projects Agent build structural concrete curing standards and model framing rules directly into schedule dependencies, preventing out-of-sequence

trade work and municipal inspection failures.

3. Zero-Code Field Apps: The Build Agent instantly generates task-specific mobile checklists for superintendents on remote job sites.

4. Total Data Privacy: Hosted on isolated dedicated cloud instances, safeguarding competitive subcontractor bids and proprietary architectural CAD drawings from public AI model training loops.

In benchmark testing modeled on a 3,200 sq. ft. single-family residence, Clankoot demonstrated a 33.6% reduction in build time (from 214 days down to 142 days) alongside a 100% first-pass framing inspection rate.

Availability: Clankoot is available for residential general contractors and trade subcontractors nationwide. Clankoot is developed by Rajbuild Consultants LLC. Technical whitepapers and specifications are available at <https://clankoot.ai>.

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Source : Rajbuild Consultants LLC

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