Copper Tone Technologies

Capabilities Statement

Field Technology, Network & Telecom Services · Baton Rouge, Louisiana · Serving clients nationwide through on-site and remote delivery

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Company Overview

Copper Tone Technologies delivers dependable on-site and remote technology services to integrators, retailers, healthcare organizations, and enterprises. Led by Derek Williams, a field technologist working since 2006, the company combines hands-on network, telecom, and hardware expertise with web and software development capability. We are vetted, background-checked, and onboarded with dozens of national service providers.

Core Competencies

Area	Capabilities
Network Infrastructure	Router and switch install and configuration (Cisco, Juniper, Nortel), LAN/WAN design, firewalls and VPN, Wi-Fi and access points, T1/DSL/broadband, site surveys
Structured Cabling	CAT 5/5e/6 terminations, fiber optics, coax, cable testing and toning, low-voltage and telecom physical plant
Voice & Telecom	VoIP systems, IP phones (Cisco, Avaya, ShoreTel), analog/PBX, ISDN, phone system installs
Retail & Hospitality Tech	Point-of-sale (IBM and others), kiosks, pin-pad installs, store refresh rollouts, digital signage and outdoor digital menu boards
Break-Fix & Depot Repair	Desktops, laptops, printers, servers, storage; Dell, HP, IBM, Lenovo, Lexmark, Samsung and Sun hardware
Systems & Cloud	Linux and Windows, VMware ESX/ESXi, Amazon EC2, Google Apps, Microsoft Office
Web & Software	Custom websites and web apps: PHP/Laravel, JavaScript/TypeScript, Vue, Angular, Ruby on Rails, MySQL, WordPress
Custom Software & Embedded	Go, Rust and Kotlin development; ESP32 firmware and CAN-bus/OBD-II diagnostic tools; Android apps; Docker-based deployment
AI & Agent Engineering	LLM agent harnesses and tool loops, multi-provider model integration (Claude and other hosted models, local coding agents), subagent orchestration, MCP servers, AI chat applications, workflow automation
Blockchain	Solidity and Go blockchain tooling, multi-chain wallet and payment integrations

Differentiators

- **Proven volume:** 547 paid assignments completed on WorkMarket with a 98% satisfaction rating

- **Vetted:** Background check CLEAR (April 2026), verified tax information, confirmed bank account
- **Trusted by enterprise networks:** active in 50+ client talent pools, with signed MSAs, NDAs and codes of conduct for national providers
- **Compliance-aware:** HIPAA training, COVID-19 and jobsite-safety policies, ladder safety, tested low-voltage practices
- **Full-stack range:** one partner for physical infrastructure and the software, firmware, or web layer on top
- **Public track record:** open source projects at github.com/betteryourweb and github.com/FraktalDeFiDAO
- **Flexible coverage:** available seven days a week

Selected Client and Program Experience

TELUS International · Connext (Trextel) · Level 10 · Airitpros · Service Express · USSI Global · High Wire Networks · Goodman Networks · 3XM Service Group · Kinettix · AMSYS · iTeam · StandUp Wireless · Single Digits · Presidio · Softchoice · Mediacom · Velociti

Industries Served

Retail · Hospitality · Healthcare · Government Services · Telecommunications · Digital Signage and A/V · Transportation and Logistics · Facilities and Maintenance · Education · Security Services · Enterprise Software

Rates

On-site: $75/hr · Virtual: $55/hr · Project and volume pricing available on request

Company Data

Owner	Derek Williams
Phone	(225) 218-5562 (mobile) · (225) 755-9366 (work)
Email	support@coppertone.online
Web	coppertone.online
LinkedIn	linkedin.com/in/derek-williams-55348642
Location	Baton Rouge, LA 70812
WorkMarket	workmarket.com/profile/7306704

Complete Service & Platform Inventory

Category	Services and platforms
Networking	LAN/WAN/MAN design and data networks; routers, switches, hubs and muxes; Wi-Fi, access points and wireless devices; firewalls and security; VPN (OpenVPN); Ethernet and network cards; broadband, cable internet, DSL and cable/DSL modems; T1 and ISDN; connectivity diagnosis; IT infrastructure and system planning; site surveys; business continuity. Platforms: Cisco routers, Juniper (routers, switches, security, wireless), Nortel routers

Category	Services and platforms
Structured cabling & low voltage	CAT 5/5e terminations (568B); cable-type selection; new installs and retrofits; fiber optics; coax, cable TV, DVR and satellite; telecom physical plant and demarc extensions; continuity, pin-out and toner testing; electrical fundamentals and meter use; ladder safety
Voice & telecom	Complete VoIP systems (phones, routers, software); analog and PBX; ISDN; phone installs, service calls and site surveys. Platforms: Avaya, Cisco phones, ShoreTel, Nortel, Lotus
POS, retail & signage	POS installs, refresh and break-fix; pin pads and POS devices; kiosks; digital signage and outdoor digital menu boards; displays and monitors; fixture installation and store refresh rollouts; hospitality tech. Platforms: IBM POS
A/V & consumer electronics	A/V and home theatre; security/IP camera, web cam and digital camera installs; consumer electronics repair; appliance installation and diagnostics; equipment assembly; iPad, iPhone and iTunes support; marine GPS; event technology. Brands: Samsung, Toshiba
Hardware & depot repair	Desktop, laptop and server install, upgrade and repair; motherboard and power-supply diagnosis; depot repair of computers and printers; printers, scanners, multifunction and print servers; storage, drives, tape and SAN; blade and cluster servers; OS migrations. Vendors: Dell, HP, IBM, Lenovo (ThinkCentre, ThinkPad, ThinkServer, ThinkStation), Lexmark, Samsung, Sun
Systems, cloud & security	Linux and Windows administration; LAMP, Apache, MySQL; VMware ESX/ESXi; Amazon EC2; Docker and Podman; VPN, mail and web servers; Google Apps and Microsoft Office rollouts; antivirus, adware and spyware removal; scripting; HIPAA-aware handling; SAP and CAD familiarity
Web design & development	Business sites and web apps; WordPress; e-commerce; hosting and care; design, graphics, multimedia and photography. HTML, CSS, JavaScript, TypeScript, PHP, Laravel 5, Vue, Angular, Ruby on Rails, Java, Node.js, MySQL, Electron
Custom software & embedded	Go, Rust, Kotlin and Python services; Android apps (Jetpack Compose); ESP32 firmware; CAN-bus and OBD-II tools; Electron desktop apps; CLI tools and TUIs; Docker/Podman deployment; scrapers and utilities; admin panels; AVR microcontrollers
AI & agent engineering	LLM agent harnesses and tool loops; multi-provider model integration (hosted APIs and coding-agent CLIs); agent/subagent orchestration and persistence; AI chat apps; MCP servers; Claude Code workflows, hooks and skills; codebase indexing and knowledge-graph tooling; workflow and bounty automation
Blockchain & DeFi	Solidity and Go tooling; multi-chain wallet libraries; Arbitrum sequencer decoding; arbitrage and MEV bots; self-hosted crypto payment platforms; peer-to-peer (libp2p) research

Category	Services and platforms
Project & field operations	Project and process management; multi-site rollouts and logistics; site surveys and photo documentation; vendor onboarding and compliance paperwork; safety practices; quality and deliverable tracking; data-collection field projects

Industries: retail, hospitality and restaurants, healthcare and wellness, technology and communications, enterprise software, digital signage, audio/visual, government services, facilities and maintenance, transportation and logistics, security services, education, business and financial services, home and consumer services, sales and marketing, promotional marketing, event services, human resources, administrative support, design and multimedia, writing and translation, software development, retail cosmetics.

Engagement models: on-site dispatch, remote support, project and multi-site rollouts, subcontracting for integrators and MSPs, and scoped software, firmware and AI builds.

Full listing with every product line: coppertone.online/services