CORY ZIBELL

Lead Architect, Artificial Intelligence · Veoci

cory@zibell.email · coryzibell.net · github.com/coryzibell · linkedin.com/in/coryzibell · New England

I lead AI architecture at Veoci, which makes emergency-management software. I build systems of AI agents at work and on my own time: orchestration, persistent memory, and the tools they run on.

EXPERIENCE

Veoci New Haven, CT — Aug 2020 – present

Lead Architect, Artificial Intelligence — 2026 – present

- Co-founded the company's AI Division in June 2026 and lead its architecture.
- Built a custom agentic framework: the skills, hooks and shared tooling the agents run on, deeply integrated with Veoci's own code and APIs. Agents are organized by discipline, with specifics carried in skills.
- Agentic platform for engineering and knowledge work. Started with code review and ticket triage; now in pilots with solutions, sales and HR through a self-hosted browser workspace.
- Persistent agent memory, fully local: embedding, search and recall, provenance on every memory, nothing deleted, only tombstoned. Company-wide memory for teams, customer solutions and individuals is in alpha, expected early 2027.
- Internal app platform where colleagues build and share small AI-made tools, with automatic code review before anything goes live.
- Brought Claude to more than half the company; run monthly company-wide trainings and weekly office hours.

Mobile Team Lead — 2021 – 2025

Joined as Frontend Engineer / UX in 2020 and led the mobile team from the start.

- Took the rebuilt mobile app from an early alpha (Quasar, Cordova) to production on Google Play and the App Store, 2020–2022, as the only full-time engineer on the project, leading eight contractors as their US point of contact.
- UI, UX and accessibility overhaul (2023); feature parity with the web application (2024); SOC 2 and ISO compliance overhaul (2025).

Digital Surgeons New Haven, CT — Aug 2015 – Aug 2020

Technology Lead, 2019 – 2020 · Senior Full Stack Engineer, 2017 – 2018 · Full Stack Engineer, 2015 – 2017

- Led technical delivery on client accounts, from CMS sites and single-page applications to service integrations and internal tools; directed in-house engineers, remote engineers and outside vendors.
- Planned architectures across internal codebases, external APIs and cloud services, and ran DevOps and infrastructure for them.
- Integrated payment gateways and SOAP systems under PCI compliance.
- Represented engineering in client pitches, workshops and co-creation sessions; mentored junior engineers.

Meriden Public Schools Meriden, CT — Feb 2012 – Aug 2015

Graphic Designer & Technology Generalist

- Unified district branding across digital and print, built web support for district initiatives, and designed grant applications that helped win Nellie Mae Education Foundation funding.

Earlier — 2007 – 2012

- Freelance design and development for small businesses and organizations, from 2008. Web developer at RP Design Web Services, Cheshire, CT (2007 – 2009), starting as a summer intern.

SELECTED PROJECTS

mx	Memory for persistent agents: graph memory on SurrealDB, a wake ritual that restores an agent's context, trigger-based recall. Rust, on crates.io.
base-d	A universal encoder over any alphabet, with compression, hashing and SIMD. Rust, on crates.io.
0sum	Provably fair command-line games, Farkle and Liar's Dice. Rust, on crates.io as *zerosum*.
Kaiku	A Matrix channel for Claude Code. Pre-release; preparing to open-source.
haec	An identity specification for agents. In progress.
SurrealDB	Deterministic reproduction of a filtered vector search bug, built for the upstream report.

EDUCATION

Eastern Connecticut State University Willimantic, CT 2008 – 2012

Computer Science. Completed three and a half years, then left to work in the field.

SKILLS

AGENTS	Claude Code, MCP, multi-agent orchestration, agent memory, context and persona design
LANGUAGES	Rust, TypeScript and JavaScript, PHP, Python, Ruby
DATA	SurrealDB, PostgreSQL, MySQL, vector search
INFRASTRUCTURE	NixOS, Docker, Cloudflare, CI/CD
PRODUCT	Mobile (Vue, Quasar, Cordova), web, UX and accessibility, SOC 2 and ISO compliance
LEADERSHIP	Team and contractor leadership, architecture across systems and timelines, teaching