



Alex Pecorilla.
CTO & Systems Architect

Service Offering

BUILD

Interim CTO & Founding Engineer

SCALE

Operational Scalability & ERP

PROTECT

Secure Infrastructure & IP Protection

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Interim CTO & Founding Engineer

The "0-to-1" Architect

I partner with founders by wearing two distinct hats: Strategic Executive and Technical Architect. Drawing on my background as a Series C CTO who helped raise over \$65M, I translate your business vision into a concrete technical roadmap and MVP. I define the technical budget and select the appropriate technology stack to ensure cost-effective, scalable infrastructure. Leveraging my hands-on engineering expertise, I take full ownership of the delivery. I provide flexible execution based on your specific requirements. I can architect and build the core systems personally, recruit and manage a development team or lead your existing engineers to deliver the MVP required to secure your next round of funding.

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Strategic MVP Delivery

Rapid prototyping and deployment of the initial product.

Fundraise Preparation

Crafting the technical narrative, roadmap, and pitch deck slides.

Executive Representation

Acting as interim CTO during investor meetings and due diligence calls.

Technical Budgeting

Forecasting total technical spend and optimizing burn rate.

Team Recruitment & Leadership

Hiring and managing the engineering team needed to execute the build.

Hands-On Implementation

Architecting and building the core infrastructure to set technical standards.

Operational Scalability & ERP Architecture

Structuring Operations for High-Volume Growth

I leverage technology to transition companies from MVP to industrial scale. Drawing on my experience managing high-volume logistics, I bridge the gap between digital software and physical reality. I implement custom ERP solutions and Business Intelligence dashboards, integrating them with your physical infrastructure to replace fragile manual processes with automated, scalable workflows.

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ERP Implementation & Customization

Deploying systems to unify fragmented business processes into a single source of truth.

Business Intelligence Architecture

Constructing analytics dashboards to provide real-time visibility into key performance indicators.

Physical Infrastructure Integration

Connecting physical hardware and proprietary assets directly into digital workflows.

Workflow Automation

Eliminating manual bottlenecks by automating data flow between critical business functions.

High-Volume System Design

Architecting backend infrastructure capable of sustaining industrial-scale transaction loads.

API & System Integration

Bridging third-party services and existing software into a cohesive, unified platform.

Secure Infrastructure & IP Protection

Safeguarding Intellectual Property & Sensitive Communications

I design and deploy private, self-hosted infrastructure for organizations handling sensitive Intellectual Property (IP) and confidential communications. I mitigate the risks of public cloud providers by deploying sovereign environments, ensuring your trade secrets and strategic discussions remain exclusively under your custody. Applying an offensive security mindset to defensive architecture, I harden these systems against corporate espionage, data breaches, and unauthorized surveillance.

// SERVICES

Sovereign Data Storage

Deploying encrypted, self-hosted cloud solutions to keep critical IP off third-party servers.

Encrypted Communication Systems

Configuring end-to-end encrypted servers for private chat, voice and video calls.

Infrastructure Hardening

Implementing strict security measures to lock down servers and networks against breaches.

Secure Remote Access

Creating private encrypted tunnels to ensure safe access to internal resources from anywhere.

Executive Protection

Provisioning hardened phones and computers against physical and digital threats.

Resilient Disaster Recovery

Automating encrypted off-site backups to ensure business continuity and data survival.

Let's Work Together

Reach out directly — I'm available for new engagements.

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Direct email

PHONE

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US mobile

ENCRYPTED CHANNELS

Need to share sensitive intellectual property, trade secrets, or confidential information?
Use one of the encrypted channels below for end-to-end secure communication.

PGP

PGP Encrypted Email

[Download Public Key](#)

Encrypt your emails with my public key for secure delivery to my inbox.

SIMPLEX

SimpleX Chat

[Open Direct Message](#)

End-to-end encrypted messenger — no account or registration required.

Tor: fcbh2fcpkmebp7iwigaaoyglunphbz6yqwtcv943yatuo4rkow3octqd.onion

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