

You build machines. I build the software that ships with them.

Operator interfaces, device integration and remote support for the people who make industrial equipment — one interface across every model you ship, instead of a different one per machine. I also speak ERP, so the data your machine produces can land in your customer's system without a second vendor.

THE ONE LINE, IF YOU'RE INTRODUCING ME

"He's the remote software hand for small automation integrators and machine builders — operator HMI's, device integration, and getting machines to talk to the systems upstream. Works white-label. Shows you something running before you commit."

THREE THINGS YOU CAN CHECK

- **230x** less data scanned by a dashboard query — same 50M-row table, naive vs tuned schema, measured with the database's own query_log. One command rebuilds it; CI fails the build if it ever regresses.
- **100%** of deleted production data recovered by reverse-engineering MySQL binlogs, with operations still running. Named in a signed letter from the CTO of the AMR manufacturer I worked at — the letter is published in full on my site.
- **19** public repositories that run on your laptop in about a second, no credentials. Including a machine you command over MQTT and then try to break — eleven checks, all of which it survives.

WHAT I'M LOOKING FOR

- Automation integrators and machine builders who win work that needs a software side.
- Projects roughly **\$2k-20k**: too small for a local software shop to bother with, too real for a generic freelancer to finish.
- Anything where the equipment has no documented interface, or where an AI-generated prototype now has to survive production.

HOW IT STARTS

- Send the client's email and the device manual. Straight read within a day.
- Still genuinely uncertain? A **three-day feasibility sprint**, \$750, half back if the answer is no.
- Scope already clear? I'll quote it fixed-price, free.

PRACTICAL

WHO	Bohea Still (Shang Baohua on contracts). Independent, full time.
WHERE	Shenzhen, China (UTC+8). I work 18:00–06:00 local, which covers the whole European working day and the entire US morning.
REPLIES	Within 12 hours, always. First demo within 24 hours of the scoping conversation, when the problem allows it.
WHITE - LABEL	I'll work under your name and never contact your client. Happy to sign a non-solicit saying so.
BOUNDARY	My software does not implement safety interlocks. E-stop and guards belong in rated hardware. I build the layer above it and write that into the contract.