

Databricks Bronze Partner · Consulting & SI · EMEA + APAC

We build production Lakehouse systems, not slideware.

IVS Softtech is an AI and Industrial IoT engineering company in Kanpur, India. Founded 2015. Our own products run on Databricks — which is how we know what it takes to put a client's on a Lakehouse.

What we do on Databricks

Medallion data engineering

Bronze / Silver / Gold pipelines, Delta tables, Unity Catalog governance. Built for cost as much as for throughput.

Industrial and IoT ingestion

Machine controllers, sensors and edge gateways landed reliably into the Lakehouse — the part most data teams have never had to do.

GenAI and RAG

Retrieval systems and document intelligence on governed data, with the retrieval layer sitting on the same Lakehouse.

Migration and delivery

Legacy warehouse and pipeline migration onto Databricks on Azure or AWS. We also hold Microsoft CSP and Red Hat ISV partnerships.

Built and running: IVS Factory Intelligence

CNC machines to Lakehouse, live in a day

Our IoT gateway reads a Fanuc controller every five seconds with no machine modification. The data lands in a Databricks Medallion pipeline and comes back as live OEE, downtime analysis, alarm ranking and an automatic shift report — in a browser, on any phone, with no BI licence.

Validated on real hardware: VMC-2 at the Risansi plant in Kanpur, May 2026. Feed rate 500-900 mm/min, program O2064, 39 parts, 4:40 cycle time, 4.2% variance against standard.

Demo plant The public dashboard shows a seven-machine floor so you can see the full picture. That floor runs on synthetic Gold tables over the same architecture — the Fanuc integration behind it is real.

69.4%

Plant OEE

44.9K

Parts tracked

12.2%

Best-worst gap

180

Alarms ranked

89.2

Downtime hours

Also in production

- **ISHS Health Intelligence** — connected health devices with a B2B portal behind them.
- **Zerume** — AI resume builder.
- **FrameSense** — video-to-documentation platform.
- **Team** — co-founders in Kanpur and Sydney, delivery in Kanpur, data architecture in Bengaluru. Clients in India, UK and the Middle East. STPI registered, DPIIT recognised.

Where we're useful to you

We take Databricks work as a delivery partner for other consultancies and SIs, co-sell alongside the Databricks field team in EMEA and APAC, and run manufacturing evaluations direct — one machine, ten days, the customer's own data.

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Delivery teams in Kanpur, Pune and Bengaluru. Presence in Sydney for APAC.

Live dashboard — ivssmartfacility.com/cnc-factory.html

Factory Intelligence — ivssofttech.com/ivs-factory-intelligence

Databricks partner listing — partners.databricks.com