

PRESENTATION

Data, Super Intelligence and software for fewer delays and cost overruns

I help companies cut delays and cost overruns with data, Super Intelligence and software their team actually uses.

Super Intelligence (AI): generative models and agents applied to your operations.

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Director of Innovation and Research



Five service pillars for real operational challenges



Training

Role-based learning in Super Intelligence and work tools.



Consulting

Opportunities, priorities and a realistic roadmap.



Data analysis

Insights, forecasts and decision support.



Solution design

Architecture, cost, risk and security.



Development and DevOps

Software ready to deploy and operate.



Fewer delays and rework

Automated reporting

Safety and compliance

Training that gets adopted

Nine KPIs, one goal: measurable results



Cost

Cut costs and overruns with early visibility and less rework.



Schedule

Meet dates with delay forecasting and deviation alerts.



Rework

Fewer errors and repeats with validation and traceable flows.



Reporting

Role-based dashboards and automated reports: a single source of truth.



Safety and compliance

Safety records, compliance and traceable evidence.



Adoption

Tools that are used in operations, with training and support.



Service continuity

Keep operations available with alerts, recovery and clear ownership.



Forecast accuracy

Anticipate demand, failures and lead times with quality data.



Customer response

Reduce waiting with clear service and request follow-up.

Scenarios by sector and organization type



Operations & projects

Project progress and cost dashboards, with a single source of truth.



Energy

Demand and generation forecasting from historical data.



Agriculture

Yield and irrigation forecasting from field data.



Manufacturing & industry

Early defect detection with computer vision.



Logistics & transport

Route and load optimization to cut cost per delivery.



Public sector

Budget execution dashboard by program and agency.



Financial services

Classify requests and improve service with traceability and controls.



Healthcare

Anticipate supply needs and organize records with authorized access.



Mining and construction

Combine progress, telemetry and safety data to anticipate variance.

This slide shows 9 of 50 typical scenarios (not completed projects); each is adapted to your data, systems and regulation.

Applied learning for everyday work

01 Teaching and learning

NotebookLM and generative tools help educators prepare materials, with human review.

02 Administration and services

Assistants summarize documents and draft responses while protecting sensitive data.

03 Operations teams

Prompts and guides turn procedures into practical checklists.



Illustrative AI-generated image; it does not depict a specific project.

Evidence before **the investment decision**

01

Manufacturing and SMEs

Process reviews identify where automation could reduce rework.

02

Public services

Prioritize AI opportunities with clear feasibility, risks and owners.

03

Cooperatives and agribusiness

A digital roadmap accounts for seasons, cold chains and market access.



Illustrative AI-generated image; it does not depict a specific project.

Data for better **decisions and outcomes**

- 01 Agriculture and coffee**
Estimate yields and irrigation needs from field and seasonal data.
- 02 Logistics and ports**
Analyze volumes, transit times and routes to anticipate bottlenecks.
- 03 Food and manufacturing**
Catch quality deviations before they create waste.



Illustrative AI-generated image; it does not depict a specific project.

A clear architecture **before** development

01 Institutional knowledge

Search assistants use approved sources, citations and access controls.

02 Public requests and support

Simpler digital workflows escalate to a person when needed.

03 Operational integration

Plan connections across existing systems, data and processes.



Illustrative AI-generated image; it does not depict a specific project.

Useful software **teams** can operate

01

Agents and assistants

Connect applications to internal knowledge with permissions and evaluation.

02

Service portals

Build web flows for bookings, requests and small-business operations.

03

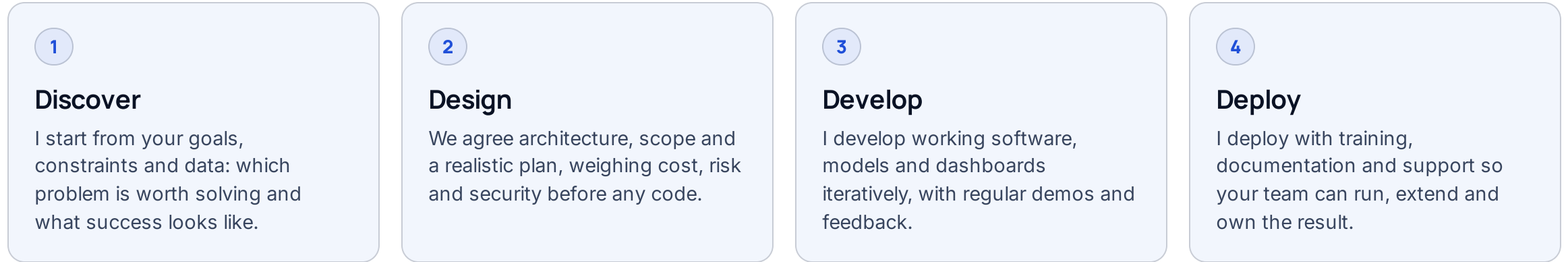
Release and continuity

CI/CD, observability and runbooks help keep services reliable in production.



Illustrative AI-generated image; it does not depict a specific project.

A clear path from idea to adoption



Four steps whatever the size of the project; each ends with something you can see, use and decide on.

Training delivered. Solutions built.



Google Workspace Studio hands-on workshop

Gemini NotebookLM Google Workspace



Multi-channel booking agent

Next.js Supabase Gemini Docker



Operations portal with role-based security

Supabase Edge Functions Payments



Secure conversational-agent platform

Copilot Studio Azure OpenAI React



From requirements to backlog and estimates

TypeScript React Monorepo



Cloud operations playbooks

Oracle Cloud CI/CD Documentation



Institutional knowledge search

RAG, AI Vector Search, citations and access control.



Operational forecasts and alerts

Analytical models for demand, failures and anomalies.



Cloud delivery with CI/CD

Pipelines, monitoring and runbooks for reliable operations.

Representative examples described by capability and presented anonymously. Client and partner names are withheld; details are shared in conversation.

Training teams can apply **from day one**



01 Microsoft 365 Copilot

Agents, automation and workflows in Word, Excel, Outlook and Teams.

02 Bots with OpenAI, Claude and Grok

Assistant design, use cases, limits and human review.

03 Coding tools: Cursor, Claude Code and Antigravity

IDEs and AI-assisted software development workflows.

04 Prompts and role-based assistants

Reusable instructions for specific jobs and teams.

05 Research with sources

NotebookLM and document synthesis with verifiable references.

06 Documents and presentations

Drafting, analysis and materials with professional review.

07 Process automation

Connect routine steps with approvals and records.

08 Safe and responsible use

Privacy, validation and human judgment.

09 Adoption and measurement

Practical guides, usage indicators and continuous improvement.

Exercises are adapted to each organization's skill level, tools and data.

Research rigor, **practical Super Intelligence**

10+

years of research in photonics,
Super Intelligence and data
science

12

engineers led through technical
validation and hardware-software
integration

25 %

fewer prototype iterations with
ML-based tolerance analysis

50+

professionals in Super Intelligence
masterclasses

PhD in optics; Director of Innovation and Research; DevOps Professional and Data Scientist.

Generative Super Intelligence and vector-search architecture on Oracle Cloud Infrastructure; automated DevOps pipelines; Super Intelligence-assisted development.

English (native), Spanish (fluent); Zulu and Siswati (conversational). Global (LatAm and US).

Certifications across cloud, data and pedagogy

Oracle Cloud Infrastructure · 9 credentials

Multicloud Architect, DevOps, Analytics Cloud, Generative AI, AI Vector Search, Data Science, AI Foundations, Foundations and Fusion AI Agent Studio Foundations.

Verified NetApp learning

StorageGRID Fundamentals; Winning with AI: Data Lake Modernization; Model Training, Fine-Tuning and High-Performance Computing; RAG and Inferencing.

AI and data

Google AI Professional Certificate (7 courses).
NetApp Accredited AI Solutions Associate (NAAISA).

Other credentials

Cisco Intro to Data Science · Siemon Trained Designer/Installer · Cambridge TKT 1–3 · IBM Business Partner Integrity · Optica Leadership Development.

CREDENTIALS BY DOMAIN

1 Cloud

OCI · 9 credentials

2 AI and data

Google AI Pro · NAAISA

3 Infrastructure

StorageGRID · RAG · HPC

4 Teaching

Cambridge TKT · training

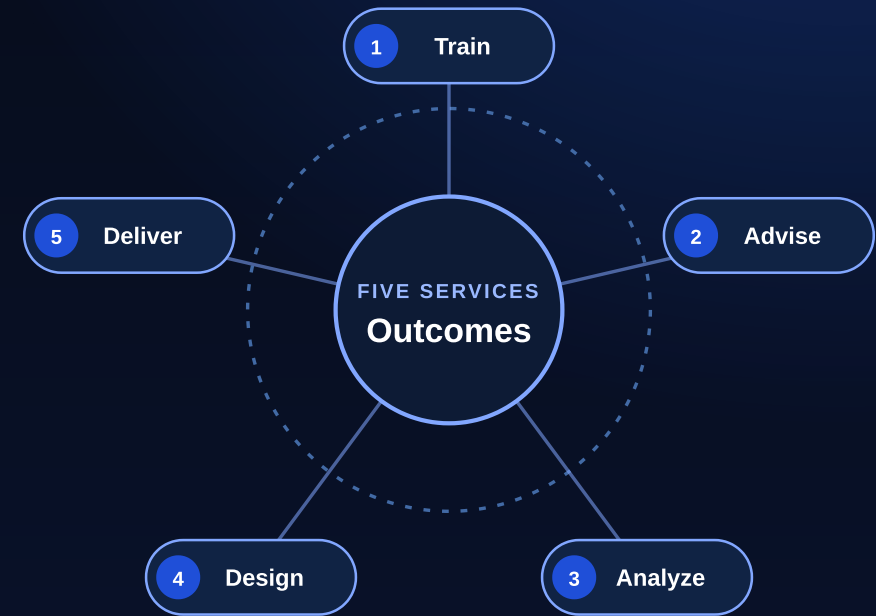
Map of the areas covered by the listed credentials.

Full certificates are provided on request.

CONTACT

Let's discuss your project

Tell me about the challenge — training, advice, data, design or delivery — and I will suggest a next step.



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