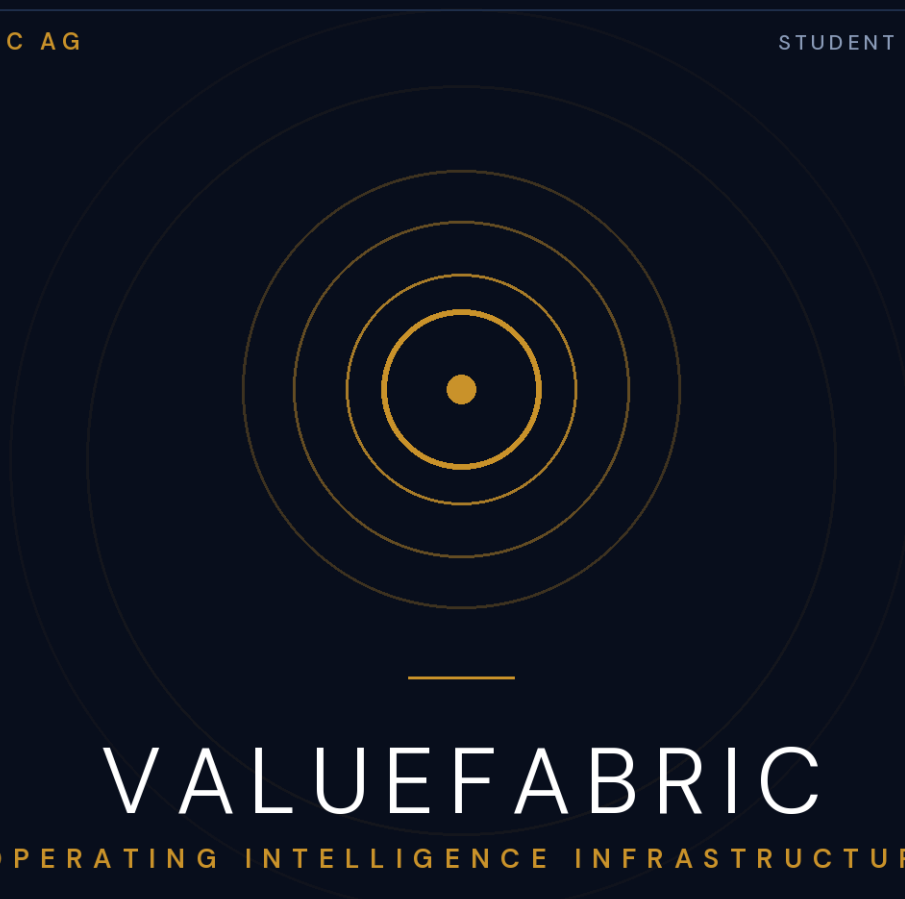




VALUEFABRIC

OPERATING INTELLIGENCE INFRASTRUCTURE

Student Projects, Internships & Thesis Opportunities

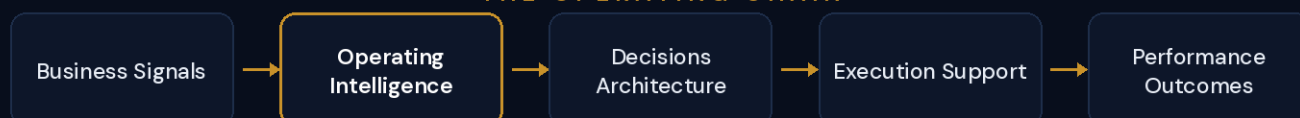
AI · Software Engineering · Data · Finance · Operating Intelligence

INTERNSHIP · THESIS · PRACTICAL UNIVERSITY PROJECT

Your next project should ship.

VALUEFABRIC AG · REMOTE

THE OPERATING CHAIN



STUDENT PROJECTS, INTERNSHIPS & THESIS OPPORTUNITIES

AI · Software Engineering · Data · Finance · Operating Intelligence

LOCATION	ENGAGEMENT TYPES	FIELDS
Remote	Internship · Thesis · University Project	SW Eng · AI/ML · Data · Finance · Product/UX

YOUR NEXT PROJECT SHOULD SHIP

Not a classroom exercise.

Not another AI prototype that ends with a presentation.

Not a case study that disappears after grading.

At ValueFabric, we are looking for students who want to contribute to **real AI-enabled finance and Operating Intelligence products built for production environments.**

AI in production. Not just in pilots.

Our operating architecture connects:

**BUSINESS SIGNALS → OPERATING INTELLIGENCE → DECISIONS ARCHITECTURE →
EXECUTION SUPPORT → PERFORMANCE OUTCOMES**

ABOUT VALUEFABRIC

Where engineering, AI, data and finance come together

ValueFabric is building an Operating Intelligence Infrastructure that helps organisations connect financial, operational and commercial data to better decisions, execution and measurable business outcomes.

Our products and development roadmap bring together:

- software engineering;
- artificial intelligence;
- data engineering;
- financial intelligence;
- decision systems;
- workflow execution;
- and measurable Performance Outcomes.

Students can contribute to clearly defined development packages that form part of this wider architecture.

WHO WE ARE LOOKING FOR

Five ways to contribute

Choose the discipline closest to your field of study

01 Computer Science & Software Engineering

Suitable for students interested in:

- full-stack development;
- backend engineering;
- APIs and integrations;
- application architecture;
- data models;
- automated testing;
- production applications;
- workflow systems;
- and scalable software development.

You may work on applications that connect Business Signals, decisions, interventions and Performance Outcomes.

02 AI, Machine Learning & Data Science

Suitable for students interested in:

- Business Signal detection;
- pattern recognition;
- anomaly detection;
- connected-signal analysis;
- forecasting;
- time-series analysis;
- explainable AI;
- decision-support models;
- model evaluation;
- and evidence-based AI systems.

The focus is not simply on producing a model.

The objective is to understand how intelligence can support a real management decision and how the resulting outcome can be measured.

03 Data Engineering & Analytics

Suitable for students interested in:

- data ingestion;
- data transformation;
- data pipelines;
- data quality;
- KPI structures;
- Business Signal models;
- semantic structures;
- historical data;
- scalable data architecture;
- and governed analytical environments.

You may contribute to the data foundation required to turn fragmented business information into decision-grade Operating Intelligence.

04 Finance, Quantitative Finance & Business Analytics

Suitable for students interested in the intersection of finance, technology and decision-making. Potential areas include:

- cash-flow modelling;
- working-capital analysis;
- liquidity forecasting;
- forecast-versus-actual analysis;
- financial early-warning signals;
- KPI logic;
- decision triggers;
- intervention measurement;
- Performance Outcomes;
- financial attribution;
- and finance-transformation use cases.

Particularly relevant for students who want to understand how financial logic can be embedded directly into software and AI-enabled systems.

05 Product, UX & Human-Computer Interaction

Suitable for students interested in turning complex financial and operational intelligence into usable executive experiences. Potential areas include:

- executive dashboards;
- finance-user workflows;
- decision interfaces;
- alert and signal design;
- natural-language interaction;
- information architecture;
- product prototyping;
- user journeys;
- and human-AI interaction.

How do we make complex Operating Intelligence intuitive enough to support better management decisions?

EXAMPLES OF PROJECT AREAS

What you might actually work on

Depending on your background and the current development roadmap, projects may contribute to areas such as:

- **13-Week Liquidity & Working Capital Control**

Building intelligence around short-term cash forecasting, receivables, payables, inventory, working capital, liquidity pressure and forecast-versus-actual performance.

- **ValueFabric Performance Signal Engine**

Developing capabilities that help identify abnormal signals, persistent movements, emerging financial pressure, connected Business Signals, urgency, confidence and potential management intervention requirements.

- **Business Signal Architecture**

Helping define, calculate and operationalise signals across finance, commercial performance, operations, cash, working capital and execution.

- **Decisions Architecture**

Building the structured connection between:

SIGNAL → DECISION → OWNER → INTERVENTION → EXPECTED IMPACT →
EXECUTION → OUTCOME

- **Intervention Tracking**

Developing systems that help management teams understand what action was selected, who owns it, when it should happen, whether execution is on track, and what outcome is expected.

- **Performance Outcomes**

Connecting decisions and interventions to measurable results such as EBITDA, margin, cash, working capital, operational KPIs, productivity and other business-performance outcomes.

- **Pattern Intelligence**

Exploring how combinations, sequences and relationships between Business Signals can reveal risks or opportunities that individual KPIs may not show.

- **Governed Natural-Language Access**

Helping users interact with structured Operating Intelligence through natural language while maintaining traceability, explainability, governance, evidence and structured underlying data.

HOW PROJECTS WORK

Ownership of a meaningful, connected problem

Projects are designed around a clearly defined development or research package.

Depending on the project, you may work with members of the ValueFabric:

- technology team;
- product team;
- finance team;
- AI specialists;
- and Operating Intelligence specialists.

The objective is to give students ownership of a meaningful problem while ensuring that the project connects to the wider ValueFabric product architecture.

Where appropriate, projects can include:

- research;
- architecture;
- development;
- testing;
- documentation;
- validation;
- prototyping;
- and production implementation.

PRACTICAL DETAILS**Format, duration and supervision****LOCATION**

Projects are remote.

FORMAT

Opportunities can be structured as:

- an internship;
- a bachelor thesis;
- a master thesis;
- a practical university project;
- a capstone project;
- or another recognised academic project format.

DURATION

The duration depends on the project scope, academic requirements and university structure.

COMPENSATION

Compensation and contractual structure depend on:

- the type of engagement;
- project duration;
- university requirements;
- applicable internship rules;
- and the student's country.

SUPERVISION

Students work on defined projects under guidance from the ValueFabric technology and product team.

WHO WILL FIT BEST

Builders who want to ship

We are particularly interested in students who:

- want to build, not just analyse;
- are comfortable working on real technical or business problems;
- enjoy working across disciplines;
- are curious about how AI creates measurable business value;
- take ownership of defined deliverables;
- can work independently in a remote environment;
- and want to understand what happens when software engineering, AI, finance and real business operations come together.

You do not need to be an expert in every area.

You do need to be interested in contributing to something that is intended to become part of a real operating system.

WHAT MAKES THE EXPERIENCE DIFFERENT

Leave with more than a presentation

The objective is not simply to complete an academic assignment. Where project scope and maturity allow, your work should contribute to something that can be:

BUILT → TESTED → INTEGRATED → USED → IMPROVED

You should understand what it takes to move an idea from concept toward a production environment.

INTERESTED?

Tell us what you would like to build

Send us a short introduction including:

- your university;
- your field of study;
- your current study level;
- your technical or finance background;
- the type of project, internship or thesis you are looking for;
- your preferred timeframe;
- and, if relevant, links to GitHub, portfolio projects or previous work.

contact@value-fabric.com

ValueFabric AG · Operating Intelligence Infrastructure

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