Sebastian Lagemann

Engineering Leader & Product Builder

Summary

I'm a hands-on engineering leader with extensive experience across the full stack. My track record speaks to building products from scratch quickly—turning ideas into validated MVPs in weeks, not months.

Once a product finds its market fit, I excel at scaling engineering teams. I've grown teams from 2 to 15+ engineers, always maintaining high standards while fostering a culture of continuous improvement.

Beyond coding and architecture, I'm passionate about mentoring and developing engineering talent. I believe in creating self-improving engineering cultures where every team member can grow and contribute to excellence.

Experience

Cortena - Co-Founder & CTO   2025

Rotterdam • AI-Native FinTech

Building AI-native agents that automate financial forecasts and surface insights. Designed LLM analysis tools, real-time chat UI, and agentic systems. Set up infrastructure, CI/CD pipelines, and data aggregation APIs to enable early testers within weeks.

Crypto Day Trading & Open Source   2024

Amsterdam • Trading & Innovation

Focused on crypto day trading leveraging AI and deep learning techniques. Launched open-source projects including Punchmole (self-hosted tunneling solution) and LLM Flow Designer (visual platform for AI agent networks).

slab - Founder & CTO   2021-2025

Singapore • AI Gaming Platform

Founded AI-driven platform for game developers, enabling self-publishing with automated marketing. Built fully remote engineering team and designed early Gen-AI and agentic systems for automated game publishing on App Store and Google Play. Achieved strong early adoption among indie developers.

Aigent Inc. - Founder & CTO   2017-2022

New York • Voice AI & Compliance

Founded and scaled AI-powered voice analytics company from 0 to 30 engineers across Europe and US. Architected end-to-end ML infrastructure with real-time audio processing. Designed PCI-DSS and ISO 27001 compliant cloud environment. Reduced model deployment time by 60% through CI/CD automation.

Reality Games - Co-Founder & CTO   2016-2017

Kraków, Poland • Mobile Gaming Scale

Co-founded mobile gaming company generating multi-million-dollar annual revenues. Scaled engineering from 3 to 25 people. Developed geo-data platform powering games with over 10 million downloads. Introduced microservice and Kubernetes-based infrastructure for real-time multiplayer experiences.

iQU - Chief Technology Officer   2014-2016

Amsterdam • Platform Transformation

Transformed digital marketing agency into data-centric marketing intelligence platform. Modernized architecture for large-scale event ingestion and real-time analytics. Consolidated legacy pipelines into fault-tolerant microservice architecture. Achieved 70% faster release cycles through modern CI/CD.

HoneyTracks - Founder & Managing Director
2011-2015

München, Germany • Analytics Platform Exit

Founded one of Europe's earliest data analytics platforms for gaming industry. Built scalable analytics backend processing billions of in-game events per month. Designed APIs and SDKs used by major gaming studios. Improved game retention KPIs by 30% on average. Successfully exited through acquisition.

spirit labs GmbH - Founder & Managing Director
2007-2017

Freiburg, Germany • Payment Solutions

Built worldwide payment solutions company within larger media holding. Managed thousands of daily transactions with small team. Delivered global payment methods (Credit Card, SEPA, Crypto, Premium SMS). Implemented robust fraud prevention and PCI-DSS compliance.

Mediatainment AG - Head of Development
2006-2011

Freiburg, Germany • MMO Game Leadership

Led development of 5+ highly profitable MMO browser games from scratch. Games entertained hundreds of thousands of players, with some operating successfully for over a decade. Achieved results with lean, high-performing team.

Gameforge GmbH - Software Engineer
2004-2006

Karlsruhe, Germany • Early Gaming Innovation

Early employee contributing to company's rapid international growth. Developed international micro-transaction payment system integrating SMS, phone, and early online banking. Maintained large fleet of on-premise servers and built internal tools for localization and payment systems.

Skills & Expertise

Product Development
- 0'1 Development
- MVP Creation
- Rapid Prototyping
- Product-Market Fit Validation
- Agile Methodologies
- User-Centered Design

Engineering Leadership
- Team Building
- Technical Mentoring
- Engineering Culture
- Hiring & Scaling
- Code Reviews
- Architecture Design
- Technical Strategy

Frontend & Full Stack
- Next.js
- React
- TypeScript
- Tailwind CSS
- Framer Motion
- WebSockets
- Real-time UI

Backend & Infrastructure
- Node.js
- Python
- Kubernetes
- Docker
- Cloud Infrastructure
- API Design
- Microservices
- Database Design
- Data Engineering
- Database Management (NoSQL/SQL)

- Ansible
- Bare-Metal

Specializations

- AI/ML Integration & Engineering
- Custom ML Models
- LLM & Agent Networks
- High-Performance Systems
- Real-time Applications
- Crypto/Blockchain
- Algorithmic Trading
- Web Scraping & NLP

Tools & Practices

- Git & Version Control
- GitLab
- CI/CD Pipelines
- Testing & QA
- Puppeteer
- DevOps
- Monitoring & Observability
- Performance Optimization
- Cursor

Side Projects

LLM Flow Designer

Visual platform for building deterministic AI agent networks without framework complexity. Eliminates the need for LangChain, CrewAI, or AutoGen with precise path control and execution tracking.

https://llm-flow-designer.com
AI/ML • Agent Networks • Visual Programming • TypeScript

Pregnancy Food Finder

Personalized recipe platform for pregnant women, addressing food aversions and cravings. Built initially for my wife during pregnancy to find nutritious meals that actually sounded appealing during challenging times.

https://pregnancy-food-finder.com
Next.js • AI-Powered Recommendations • Health Tech

CoinEcho

Intelligent crypto news aggregator with automated crawling, categorization, sentiment analysis, and bear/bull market indicators. Real-time market intelligence for crypto traders.

https://coinecho.de
Web Scraping • NLP • Market Analysis • Real-time Data

HiFreCTRA.ai

High-frequency trading platform for cryptocurrency exchanges. Algorithmic trading with microsecond precision and advanced risk management.

https://hifrectra.ai
HFT • Crypto • Algorithmic Trading • Performance Engineering

WizenCraft

Mastermind-inspired web game with modern gameplay mechanics. Work in progress showcasing game development and real-time interactions.

https://wizencraft.com
Game Development • WebSockets • React • Real-time

Punchmole

Simple tool to give your locally running HTTP(s) servers a public URL. An easy to self-host alternative to ngrok and tunnelmole. Open-source tunneling solution for developers.

https://www.npmjs.com/package/punchmole
Node.js • Tunneling • Networking • Open Source

Contact

Email: cv@degola.de

GitHub: https://github.com/degola

LinkedIn: https://www.linkedin.com/in/sebastian-lagemann/

Medium: https://medium.com/@degola