



56° NORTH

Build AI, Fintech & Oracle-Driven Enterprise Platforms

Scandinavian software engineering and AI consulting company building scalable digital platforms and AI-powered solutions.



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Trusted Enterprise AI, Oracle Cloud & Fintech Solutions.



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AI Product – AiMA

AI Marketing Content Platform

Create. Schedule. Publish. On Autopilot.

The Challenge

Marketing teams and businesses struggle to maintain a consistent, high-quality presence across social media. Creating on-brand content for multiple channels, managing multiple brands, and keeping up with publishing schedules drains time and resources — leaving little room for strategy and growth.

Our Solution

AiMA is an AI-powered content creation and publishing platform that generates on-brand social media posts, manages your content library, schedules publishing across channels, and tracks performance — all from one place.

Tech Stack

- 01 Java backend with encrypted API
- 02 Direct social media integrations (Facebook, Instagram, LinkedIn) & Multi-language support (English & Swedish)

Key Features

- 01 AI content generation tailored to your brand's tone, language, and audience
- 02 Multi-brand management — create and manage multiple brands from a single workspace
- 03 Schedule and publish directly to Facebook, Instagram, and LinkedIn
- 04 Asset library and AI image generation with blending capabilities
- 05 Analytics dashboard with per-channel performance tracking

Business Benefits

AiMA helps businesses and agencies launch content consistently across all channels without manual effort. Teams can manage multiple brands, maintain a unified voice, and focus on growth instead of posting. By handling content creation, scheduling, and publishing on autopilot, it keeps your brand visible and engaging.



10x

More Content



75%

Faster Creation



100%

On-Brand

AI Product – Shortlyst

AI-Powered Talent Discovery

Stop Hunting. Start Hiring.

The Challenge

Recruiters are bogged down by fragmented tools, messy requirements, and the "manual grind" of sourcing and initial outreach. Existing platforms help you find people, but they leave the hard work of evaluation and engagement to you.

Our Solution

A unified platform that automates the entire top-of-funnel workflow. From gathering deep hiring requirements to executing personalized multi-channel outreach, ShortHlyst handles the heavy lifting so you can focus on the final interview.

Modern Tech Stack

- 01 React.js for lightning-fast, responsive UX
- 02 Node.js + MongoDB for scalable backend
- 03 Built on Enterprise-Grade AI Models

Key Features

- 01 Conversational AI Intake: Gather complex hiring requirements through interactive AI dialogue
- 02 Deep Profile Intelligence: AI performs deep analysis on candidate profiles to evaluate fit
- 03 Autonomous Multi-Channel Outreach: Build multi-step sequences across LinkedIn and Email
- 04 Verified Data Enrichment: Unlock verified email addresses and LinkedIn URLs with one click

Business Benefits

Scale Without Limits: Run unlimited projects and outreach campaigns simultaneously. Unified Team Collaboration: Centrally manage your talent pool, tags, and billing. Higher Conversion Rates: AI-personalized messaging ensures your outreach feels human and relevant. Transparent, Credit-Based Pricing: Only pay for the actions that deliver value.



70%

Faster Screening



50%

Less Effort



2x

Better Accuracy

AI Image Workflow Platform

Professional Product Visuals for D2C Brands

Studio-Quality Images Without the Studio Costs

The Challenge

Traditional photoshoots require expensive studio setups, models, and photographers. High costs and long turnaround times for new collection launches force brands to compromise on visual quality or delay launches due to production expenses. Small brands lack flexibility to create consistent, high-volume content.

Our Solution

An AI-powered photoshoot solution that enables digital generation of high-quality product visuals without physical shoots. Provides control over style, backgrounds, and presentation through a digital interface, simplifying the creative process for on-demand, cost-effective visual production.

Tech Stack

- 01 Java backend with encrypted API
- 02 React.js for lightning-fast, responsive UX

Key Features

- 01 Digital generation of professional product visuals
- 02 Customizable styles, backgrounds, and presentations
- 03 On-demand visual production workflow
- 04 No physical photoshoot requirements

Business Benefits

Small D2C brands transition to a digital-first visual production model. Professional-quality imagery becomes accessible without traditional overhead, enabling better consistency and budget efficiency. Brands can experiment with different styles and formats without additional financial risk, accelerating time to market.



90%

Cost Reduction



5x

Faster Launch



∞

Creative Freedom

Manufacturing Operations Platform

AI-Based Structure & Visibility

Transform Operations from Chaos to Control

The Challenge

Fragmented production tracking led to inconsistent day-to-day operations. Manual pricing decisions created uncertainty regarding cost components and margins. Informal tracking of machinery warranty periods made it difficult to manage breakdowns and servicing. Absence of a centralized system caused operational confusion and increased equipment-related risks.

Our Solution

Digitization of core workflows and asset tracking with AI-powered automation. Standardized and documented pricing logic within the system for transparency. Digitized machinery records including installation dates, warranty periods, and service history. Introduced structured workflows across production and asset management to centralize data.

Tech Stack

- 01 AI-powered workflow automation
- 02 Cloud-based scalable architecture

Key Features

- 01 Structured production activity monitoring
- 02 Standardized pricing calculations and transparency
- 03 Machinery warranty and service history tracking
- 04 Centralized asset management system

Business Benefits

The organization transitioned from disorganized operations to a structured, traceable ecosystem. Teams gained superior control over daily production, cost management, and the entire equipment lifecycle. Operational clarity, pricing consistency, and asset visibility reduced downtime and financial risk.



100%

Operational Clarity



85%

Pricing Consistency



60%

Less Downtime

Food Safety Audit Platform

Real-Time Accountability & Transparency

From Paper Trails to Digital Trust

The Challenge

Manual data entry led to delays between audit execution and report generation. Transferring paper notes to spreadsheets increased the risk of data alteration and discrepancies. Lack of immediate visibility for stakeholders into critical audit findings. Time-consuming manual assembly of reports and presentations. Reduced transparency and slower decision-making due to the absence of real-time data.

Our Solution

End-to-end digitization of the audit process with AI-powered automation. Implemented structured digital workflows for field safety officers to use on-site. Instant data capture and validation at the source with central synchronization. Built automated reporting logic to generate reports and presentations without manual intervention.

Tech Stack

- 01 Mobile-first digital audit workflows
- 02 Real-time cloud synchronization

Key Features

- 01 Real-time audit observation capture at source
- 02 Instant report and presentation generation
- 03 Time-stamped data for audit credibility
- 04 Immediate stakeholder visibility across locations

Business Benefits

Transitioned from a delayed manual process to a fully digital, real-time auditing ecosystem. Increased audit speed, reliable reporting, and immediate stakeholder visibility into compliance across all locations. Time-stamped data reduced manipulation risks and improved audit credibility, building trust and transparency.



80%

Faster Reporting



100%

Data Integrity



Real-Time

Visibility

Nursing Curriculum Platform

AI-Powered Curriculum Assistant

Simplifying Academic Access & Alignment

The Challenge

Lack of clarity regarding which materials were part of the official curriculum versus general reference. Inconsistent student preparation and wasted effort due to confusion over study requirements. High faculty workload caused by repetitive, time-consuming questions about the syllabus. Absence of a single, reliable source mapping study content to the approved syllabus.

Our Solution

Implementation of a curriculum-specific AI chatbot trained exclusively on approved institutional curriculum and RGHS guidelines. Intentionally limited the chatbot's scope to ensure accuracy and relevance. Focused on creating a system that only answers curriculum-related queries to maintain academic alignment.

Key Features

- 01 Instant curriculum confirmation for students
- 02 Focused learning aligned with academic requirements
- 03 Automated handling of routine syllabus queries
- 04 Faculty time freed for high-value teaching

Business Benefits

The institution launched a reliable digital assistant that provides structured and focused academic support. Improved clarity for students and faculty while ensuring all learning remains aligned with official guidelines. Elimination of distractions from unnecessary materials, ensuring alignment with academic requirements.

Tech Stack

- 01 AI chatbot trained on curriculum data
- 02 Natural language processing engine



100%

Curriculum Aligned



70%

Less Faculty Time



Instant

Answers

AI Projects & Milestones

Project Title	Core Focus	Key Deliverables	Tech Stack
VibeCon AI Tuition OS	EdTech AI	Built an Operating System layer; ranked Top 20 out of 300 builders.	Emergent LLM Agents, Workflow Orchestration
Intermarq Agency Stack	Full-Stack Production	Deployed complete stack (Lead capture, VoIP, Admin portal) to Azure.	Azure AI, GPT-4o, Next.js/React, PostgreSQL, LiveKit (VoIP)
Social Media Automation	Workflow Optimization	Automated content operations, eliminating daily manual research.	Automation Pipelines, Notion AI
AI Coding Agents	LLM Optimization	Token optimizations, context engineering with Graph MCPs.	Claude Code, Cursor, Windsurf, Gemini CLI, Qwen CLI
Intermarq AudioRAG	Advanced AI RAG	Engineered RAG system for audio processing.	Azure AI Search (Hybrid RAG), GPT-4o, Voice/Audio Processing
Intermarq Database	Data Architecture	Optimized database structures for improved performance.	Azure AI Search, PostgreSQL/MongoDB, Redis
Aoyi Avatar System	AI Avatar / Real-Time AI	Built conversational, real-time AI avatar with Indian persona.	Anam.ai, SARVAM AI, LiveKit, Real-Time Conversational AI
Qwen 3.5 Fine-tuning	Model Optimization	Data scraping, cleaning, and fine-tuning on Azure AI Foundry.	Qwen 3.5, Qwen CLI, Azure AI Foundry (Fine-tuning)
Intermarq Chatbot	Conversational AI	Built functional chatbot interface using MLflow.	MLflow (Model Tracking), Azure AI, GPT-4o
VibeCon Ephemeral ERP	ERP Solutions	Developed working demo and video pitch for VibeCon.	Claude Code, Cursor, Windsurf, Azure/GCP, Workflow Orchestration
Blog Automation	Content Workflow	Automated blog post creation and publishing using Notion AI.	Notion AI, Zapier, Automation Workflows
Dhumi Packs Prompt	Prompt Engineering	Refined high-intent prompts skill packs in Dhumi Prompt packs.	Prompt Engineering
AI Tutors Research	EdTech AI Research	Conducted research on AI Tutors and Student Onboarding System.	LLMs, User Experience Research, Onboarding Automation
Advance Dental Care Web	Web Design & Automation	Full webpage design. Implemented Zapier email automation.	HTML/CSS, Zapier (Email Automation)
AI Avatar Research	Digital Media AI	Investigated automated systems for AI avatar generation.	Anam.ai, AI Video Cloning Technologies

Project Title	Core Focus	Key Deliverables	Tech Stack
Small Business Decks	Business Development	Created custom pitch decks and sales materials for outreach.	Google Slides / PowerPoint, Design & Communication Tools
US Insurance Research	Regulatory Compliance	In-depth analysis of insurance systems and California compliance.	California Dept. of Insurance (CDI) Data, Legal Databases, Regulatory APIs

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