



## Friday talks NTNU:

Changes in Competence and Competence Development – Seen from the Tech Industry's Perspective

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# twoday highlights



3000  
Employees  
(NO: 500)



The leading *tech community* in  
Northwestern Norway



Nordic leader within **Data & AI**



394 mill Euro  
revenue 2024



Recognized by  
Universum as one of  
Norways most  
attractive employers

# Digital solutions that make an impact



**Data & AI**



**Software Engineering**



**Digital experiences**



**Business applications**

# The twoday strategy



Employees

The most **attractive employer** for experts within AI, Data and software engineering



Society

Creating **meaningful** and lasting **Impact**, a better tomorrow, by combining data, technology and skills



Partners

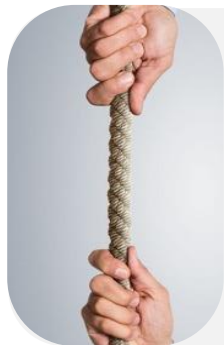
Build **world class solutions and careers** with and on our partners technology and platforms

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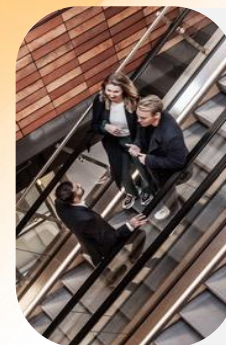
Owners

Delivering **predictable** and **industry leading** financial returns



Competitors

A **challenger** our competitors fear, respect and admire!



Customers

The one customers rely on to create **business value** through data, digital products or experiences

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Strategic vision and direction

## Strategic capabilities

User-centric design of data-intense services with cloud, software, and data engineering at core creating repeatable industry accelerators and applications for borderless collaboration and impactful outcomes



### Energy & utilities

“Reduce emissions and energy waste from overproduction by 30% with ai-driven forecasting and grid optimization”



### Industrials & manufacturing

“Reduce forecasting errors by 40% and increase demand planning with AI forecasting solutions and utilization optimization”



### Healthcare & society

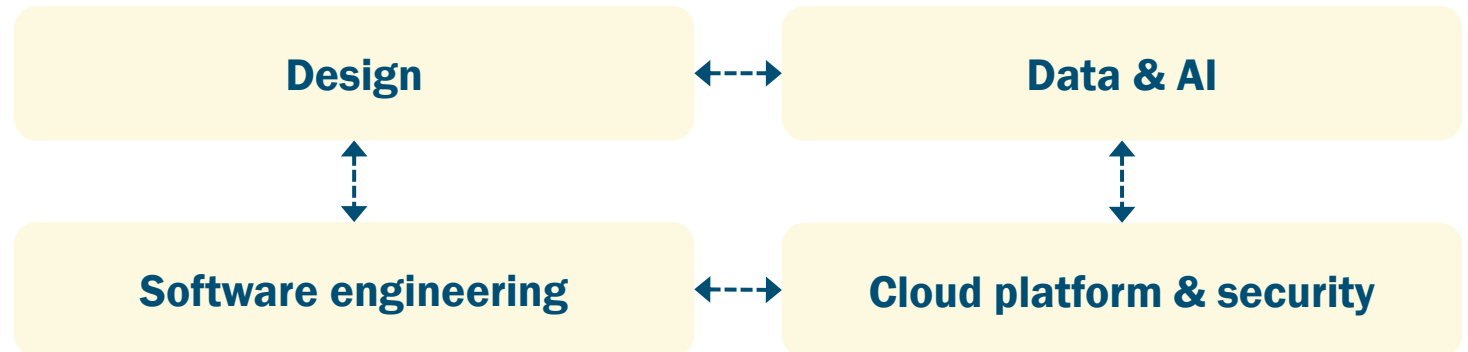
“Predict hospital bed and doctor shortage, reducing patient waiting time by 40% and overtime cost by 30%”



### Central government

“Ai-driven public tax and welfare fraud detection, reducing public overpayment by 25% to 30%”

## Digital strategy based on vertical expertise



## Industry solutions: accelerators and applications

Strategic vision and direction

# Strategic principles

Transformative outcomes from customer centricity and skill centricity with borderless collaboration

## twoday strategic principles



### **Positive impact**

...on customers, employees, and society in all our engagements



### **Borderless collaboration**

...with our customers and colleagues enabling seamless customer and employee experiences



### **Transformative outcomes**

...from customer centric digital engineering with industry-specific expertise and solutions



### **Skill centricity**

...from continuous learning and knowledge sharing



### **Commercial mindset**

...in how we run our business and create opportunities with our customers



### **Diverse voices**

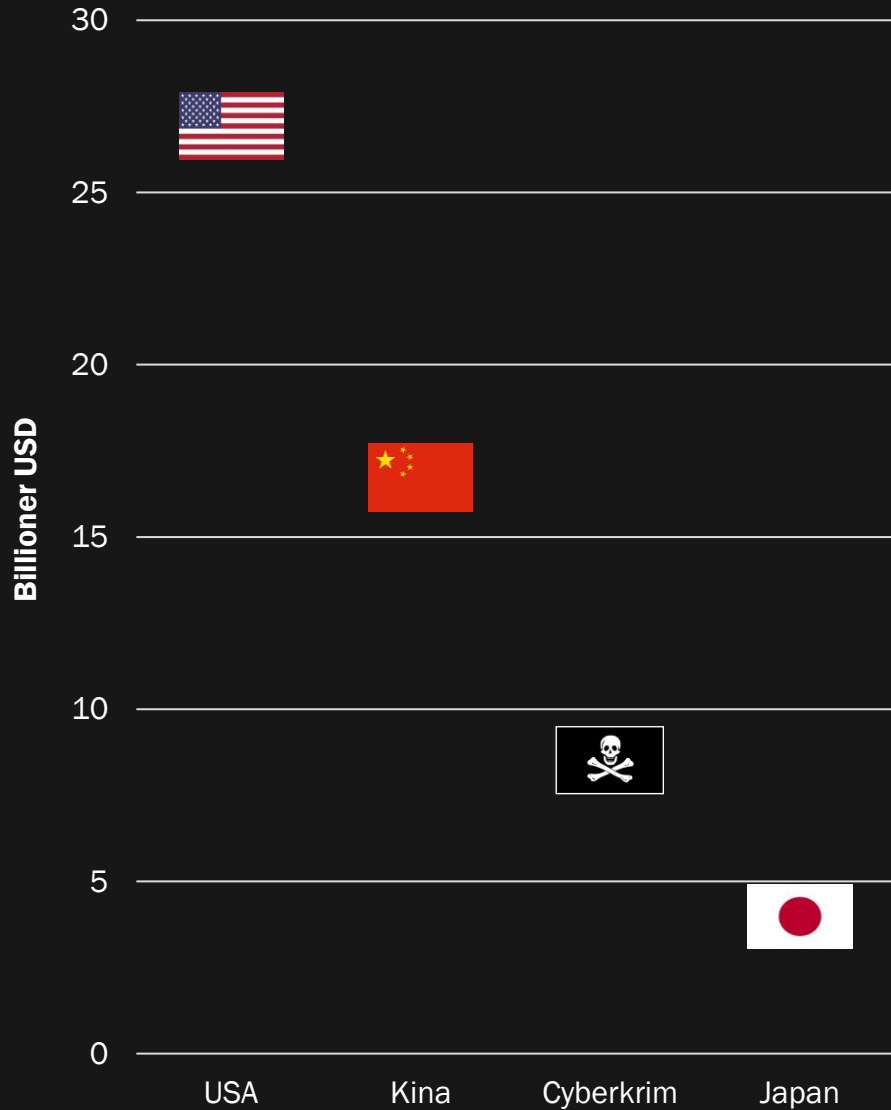
...with strong and different perspectives and opinions

AI will lead to more  
**more jobs**  
within technology



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**Cybercrime** represent the worlds **third** largest economy after USA and China





The technology race

**How can we  
create new  
value from  
technology?**



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To Code (or not to Code)  
– is not the question



# NTNU & Twoday Vest

- Close cooperatinon during many years
- **2-4 graduates employed each year in Ålesund**
- Bachelor assignments
- Sponshorship
- Project assignments
- Mentoring
- Lectures
- Examiners
- Student activities



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# NTNU & twoday Norway

- Focus on NTNU Trondheim
- **2024: 21 of 31 graduates from NTNU**
- **2025 (so far): 19 of 31 from NTNU**
- Graduate program has been prioritized also in the recent years



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A Z I Z N A S U T I P H O T O G R A

# Main focus

- **Broad and Solid Competence:**
  - Develop engineers with a deep understanding of both traditional coding and modern tools.
  - Focus on fundamental skills in software/cloud architecture, databases, storage solutions, distributed systems, security, and AI
- **Continuous Competence Development:**
  - Keep knowledge up to date in line with emerging technologies, such as AI-supported tools and the shift from low-code to no-code solutions.
  - Ensure that both high-code and low-code/no-code solutions are built on solid domain knowledge for robust systems.
- **Sustainable Development:**
  - Prepare students for a future of rapid technological advancement through a broad technical education that remains relevant over time.

# Important subject areas

- **Software and Cloud Architecture**
  - The foundation for developing scalable and flexible solutions.
- **Database and Storage Solutions**
  - Essential for efficient data management and security.
- **Distributed Systems and Security**
  - Critical for building modern, reliable IT infrastructures.
- **AI and Machine Learning**
  - A fundamental understanding of AI and AI models to leverage new tools and platforms.
- **Development Methodologies**
  - Competence in both traditional high-code and emerging low-code/no-code solutions, where domain knowledge connects technology with business needs.

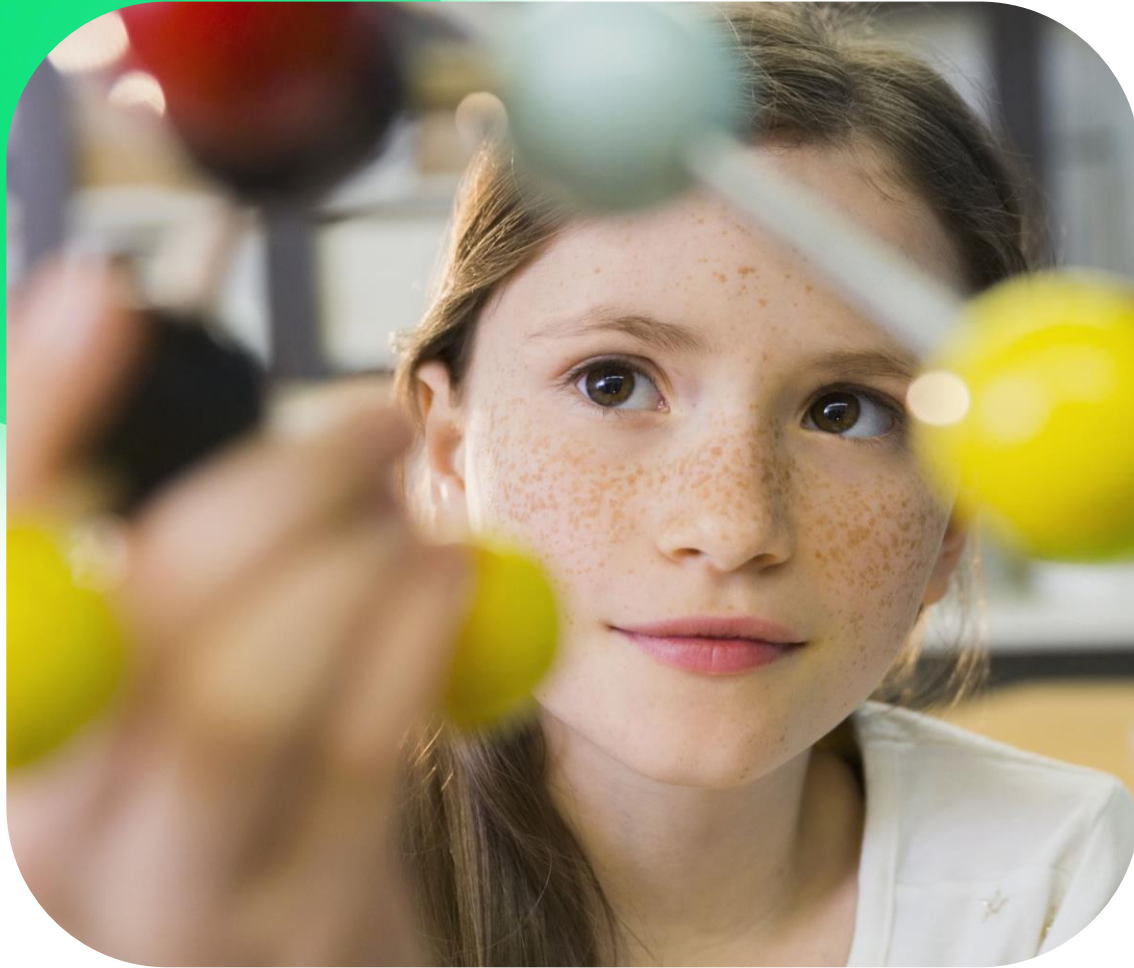
# Important trends

- **The Rise of AI and Automation**
  - AI-based tools that support or even replace parts of system development.
  - The evolution of no-code platforms that may challenge today's low-code solutions.
- **Digitalization and Increased Security Demands**
  - Stricter security requirements and the need for robust systems in an increasingly digital world.
- **Integration of Traditional and New Technologies**
  - Combining solid traditional coding with modern AI tools to create innovative solutions.
- **Diversity and Inclusion**
  - The importance of attracting a broader range of talent, particularly in increasing female representation in the tech industry.

# How do you perceive NTNU as a potential partner in helping you achieve your goals?

- **Strong Academic Platform:**
  - NTNU has extensive experience in delivering education within essential technological fields.
  - Opportunity to combine theoretical knowledge with practical skills through research and projects.
- **Collaboration on Future Competence:**
  - NTNU can help shape study programs that reflect the latest trends and technologies.
  - Collaboration can strengthen both technical expertise and innovation capacity in the industry.
- **Focus on Diversity:**
  - The potential for close collaboration to increase female representation and diversify the talent pool in the tech industry.
- **Relevance and Innovation:**
  - A partnership with NTNU provides a platform for continuous dialogue and innovation, ensuring that education keeps pace with rapid technological advancements and industry requirements.
- **Continuous learning – also for employees with years of experience**





# **Coders will shape the future**

The techindustry must reflect the diversity in society – and create digital solutions available for all.

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# Questions?

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The logo features the word "twoday" in a white, lowercase, sans-serif font. The text is centered and overlaid on a dark background. Surrounding the text are four large, glowing, abstract shapes: a green circle on the left, a blue vertical pill shape behind the 't', a red triangle pointing right behind the 'o', and a yellow rounded shape on the right. Each shape has a soft, white glow around its edges.

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Where tomorrow is made