SECURITY AS A PRODUCT FEATURE

(Not a burden)

WHO AM I?

Klaudia Obieglo
WORKDAY

- Product Manger at Workday
- Pursuing masters in cybersecurity at TUD
- Passionate about the intersection of technology, user experience, and security.

THE DANGER OF
"IT WON'T HAPPEN TO US"

Our jobs may not have life or death consequences, but security vulnerabilities have significant real world impact on our users and employers
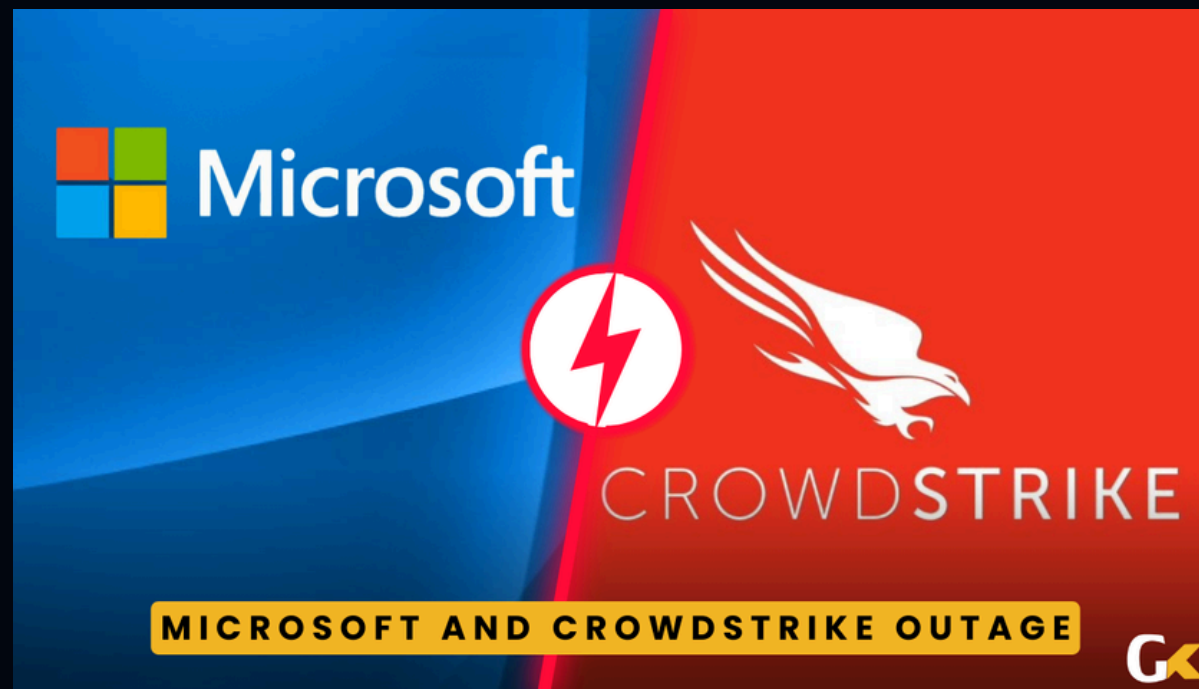

Data Breaches

Financial Loss

Damaged Reputation

WHY 'LATER'
IS TOO LATE

Opening up our customers, ourselves, our coworkers and our employer to being taken advantage of

MINDSET TRAP

We need to cut scope

We can patch it later

Users won't care about that

It's an edge case

BAKING SECURITY INTO THE PRODUCT

SHIFT LEFT

Think about security early, integrate security considerations early

THREAT MODEL

Proactively identify and mitigate vulnerabilities

SECURE PRACTICES

Follow good coding practices to prevent common vulnerabilities and weaknesses

TEST

Embed security checks into the pipelines, automate tests

COMMUNICATING
VALUE OF SECURITY

Highlight financial risks for the company

Emphasise potential loss of customers

Highlight the reputational damage

Showcase long term savings

SECURITY FIRST CULTURE

Security Training

Ensure that adequate training and education is provided to all

Security Awareness

Keep security top of mind with challenges and learning milestones that involve everyone

Open Channels for Communication

See something? Say something

REAP THE BENEFITS

Enhanced Trust

Increased customer loyalty and trust

Stronger Reputation

Positive public perception leads to stronger brand reputation

Protect the Assets

Ensure safety of products and customer data

Reduce Cost

Earlier threat detection is cheaper to fix