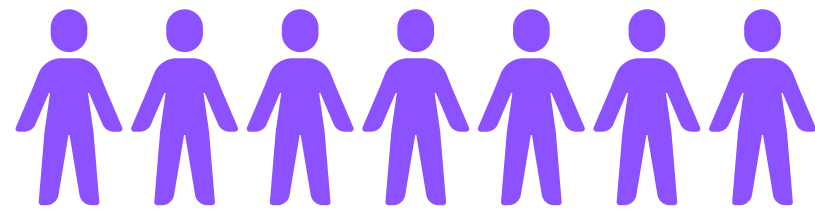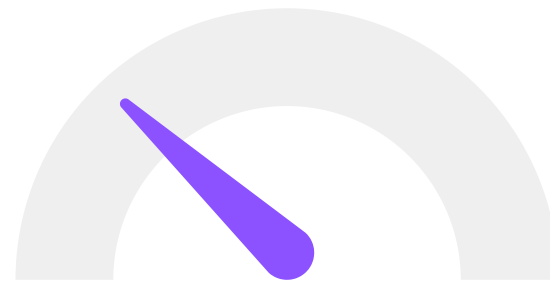# Supercharged Development speed

a presentation on the value added by CI/CD to the organization

# The state of tech

a lot of tech companies have teams between 10-100 employees. their time should be allocated as carefully as possible

every industry has a lot of startups appearing every year with better and more aggressive competition. you can't be complacent

systems get more complicated as they grow. with every step done manually things get harder to manage. slowness and outages appear

## Solution

adding CI/CD to the team. only using automation to deliver new features to customers and eliminate manual deployments

## Benefits

Developers will have a lot more time to focus on new features and enhancements. as well as reliability in the system

## Results

Costs saved from saving time and solving problems. more revenue from increased feature rollout. which can be invested into expansion or taken as profit

# At a high level

## MEANING

CI/CD stands for continuous integration and continuous delivery. in other words constantly integrate new code, constantly ship new features

## HOW IT WORKS

New developers add new code they have written to the repo, a server then automatically attempts to build the app with the new code and run a few tests on it. if it passes it send them to the production servers

## HOW IT IS ACCOMPLISHED

New tools that have been added to the development landscape as well as cloud providers. where infrastructure automation is very dominant

# In Depth

## 01

### CI/CD tests code automatically

Save costs from trouble shooting and prevent downtime for customers. As well as increasing good code writing habits in the team which means better features in the app

## 02

### CI/CD promotes good culture

No longer do development teams have to point fingers at each other when a failure happens. CI/CD lets each dev know if they did something wrong. leading to a healthier work environment and better work quality

## 03

### CI/CD saves infrastructre costs

What if bad code was deployed to customers? this means that every minute we were billed running this code was a waste.

**53%**
**Companies**
Use CI to automate their testing and integration

**$5B**
**DevOps**
Market size in the world, expected 18% growth in the next year

**60%**
**Efficiency**
increase between teams that use CI/CD vs teams that don't

**30%**
**Satisfaction**
in work for devs that user Ci/CD in their company vs those that don't

# In numbers