Good Developer

Christian Zacharias
What it takes to become a Great Developer
Disclaimer

All the **opinions** and **concepts** which are presented here are based on my **subjective** observations and experiences.
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CTO @oberlo/shopify

- Software Developer (Spreadshirt)
- Freelancer (various)
- CTO Role since 2013
- Tirendo - PHP, MySQL, Self-hosted
- Finleap - Ruby, PostgreSQL, AWS
- askCharlie - Ruby, PostgreSQL, AWS
- Oberlo/Shopify - PHP, MySQL, K8s
> 700 Developers
Good Developer?
Good Software?
Microservice and Event-Sourcing based agile Serverless MVP with predictive AI trained by machine-learning written in Closure?
Maintainable!
Maintainable – Definition

“Software maintenance in software engineering is the modification of a software product after delivery to correct faults, to improve performance or other attributes.” - Wikipedia

- Adaptive – modifying the system to cope with changes in the software environment
- Perfective – implementing new or changed user requirements
- Corrective – diagnosing and fixing errors
- Preventive – increasing software maintainability or reliability to prevent problems in the future
Maintainable – Definition

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Change is the only constant in software development!
The only valid measurement of code quality: WTFs/minute
Changeable
Documentation!
Writing software without automated tests is like working on an electrical panel with a fork...

I can't see any reason why this won't work.

Seconds later...

OHHHHH...

That's why.
Monitoring, Logging & Metrics
AUTOMATE ALL THE THINGS!

Smooth Deployments
What make a Developers Great?
Style
Colors

We have defined our color palette enabling us to achieve consistent and harmonious look for our product and marketing material. We have created guidelines how they should be used.

Primary colors: We have a set of 6 primary brand colors. Those colors are used for main UI elements.

- Black - #2E4257
- Snow - #B5C6DA
- Blue - #27B7D7
- Green - #82C853
- Yellow - #FFE000
- Red - #F97442

Shades: Every primary color has different shades for interactive elements, backgrounds, etc. They are made by adding white or black color layer on top of base color and changing blending mode.

Naming: Primary color shade is named 50. Making lighter shade we reduce color name by -10, for darker shade +10. This method leaves enough room to add colors in between.

Snow shades: We use shades of Snow color for backgrounds when creating UI element hierarchy.
Development Handbook

Designed to help you get up to speed quickly, understand how we build software, and provide context on why we do things the way we do.

ประเภทการค้า นวัตกรรมซอฟต์แวร์ ติดตั้งและทำงาน ข้อมูล ข่าวสาร ความต้องการใหม่ วิธีการที่จะต่อความร่วมมือ

🏆 Check out our devs in this Dev Summit video! They talk about their time at Shopify.

🛠️ Build for the long term

🛠️ Developer's toolbox
Understand
WE NEED TO COMMUNICATE LESS WITH OTHER DEPARTMENTS.

THE MORE THEY KNOW ABOUT US, THE MORE THEY CRITICIZE WHAT WE DO.
Mentor & Empower
Great Developer!
Thanks
Ask me your all your Questions!