Progressive Web Apps in WordPress

BY VINEET TALWAR
YOU DID A GOOD JOB
FALSE. YOU DID AN AWESOME JOB
Ever fancied native mobile app of your WordPress website?
But How?

- Time and Costs?
- Maintenance?
- Multiple mobile Platforms?
- Their developers?
- Platform specific technologies?
Answer is!!
PROGRESSIVE WEB APPS (PWA)
What if I told you...
Installable WordPress website

Wait.. What ?
Reliable

Fast

Engaging

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Let’s talk about HTTPS.
Push Notifications

Google Firebase
OneSignal
SendPulse

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Let's talk about

Service Workers
Web App Manifest
Installable Website
HI 00056 00006

You are offline
Go Offline !!
Who else is doing it?

- Twitter
- Instagram
- Google Maps
- Uber
- Tinder
- Lyft
- And many more..
Browser Support?
What about WordPress core support?

Feature Plugin:
https://wordpress.org/plugins/pwa/
But, How do I Build one?

- Own theme with all standard PWA features.
- Plugin: Progressive WordPress – Nico Martin
  https://wordpress.org/plugins/progressive-wp/
What about native app?
PWA Builder

https://github.com/pwa-builder/ManifoldJS

or

Cordova

@vineetsktalwar
npm install -g pwabuilder
pwabuilder <website-url>
What next?

- Sign
- Test
- Publish
Testing

1. Lighthouse test
2. Your browser Simulator
3. Android studio or Xcode Device Emulator
4. AWS Device Farm
5. Real Device
Possible Issues?

Source: knowyourmeme.com
Xcode

DECIDED TO TEACH MYSELF CROSS PLATFORM APP DEVELOPMENT

AANNNDDD I DON'T HAVE A MAC.

Source: me.me

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Android Studio

I DON'T KNOW WHO YOU ARE

BUT I WILL FIND YOU. AND INSTALL ANDROID STUDIO IN YOUR PC
THANKS FOR LISTENING

ANY QUESTIONS?

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Thank You

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