

# Push Notifications



**Matthew Soucoup**

Principal – Code Mill Technologies

@codemillmatt | [www.codemillmatt.com](http://www.codemillmatt.com)

# Push Notifications

**Service worker**

**Similar experience to native mobile apps**

**Use to notify users of app state changes**

**Use to update data**

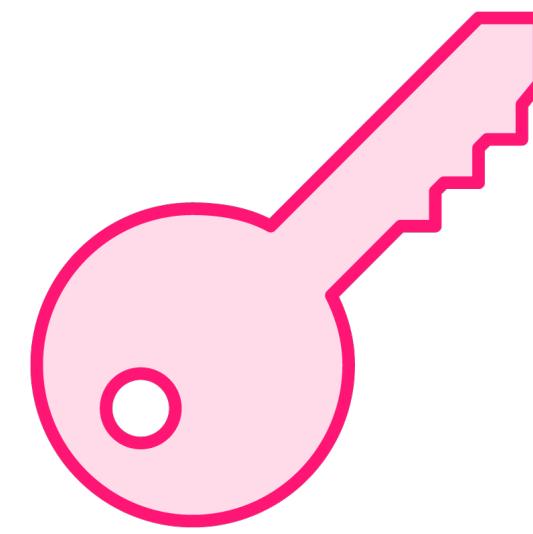
**Get to use Blazor JS interop**



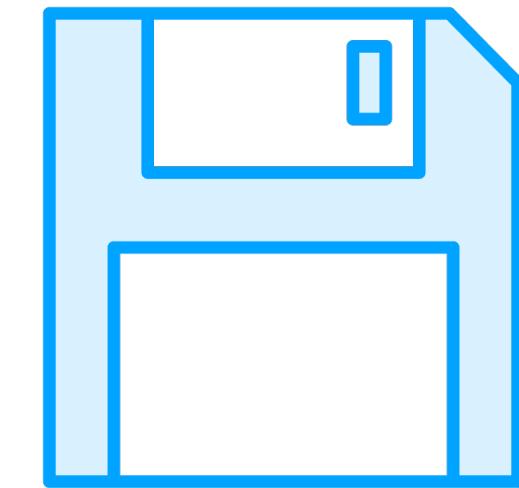
# Subscribing to a Push Notification



Ask permission



Get subscription keys



Save keys

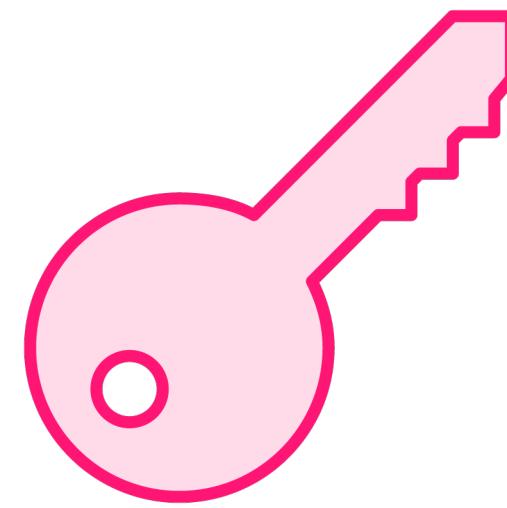




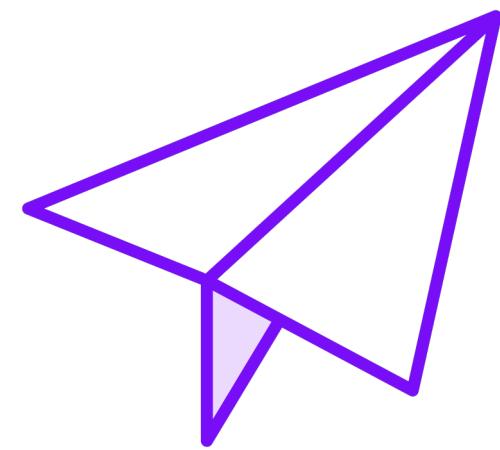
**Subscribe to push notifications**



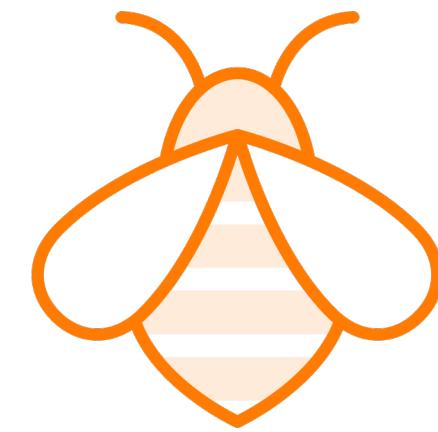
# Send a Push Notification



Generate  
cryptographic keys  
(only once)



Use WebPush to send  
the notification



Handle notification in  
service worker





## Push and receive

- Generate crypto keys
- Use WebPush to send notification
- Handle it in service worker
- Handle notification click events



# Summary



## Push notifications

- Another use of service workers

## Alert users

## Subscribed and pushed notifications



**Up Next:**

# **Testing, Auditing, and Deployment**

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