# How I created a desktop app in minutes

Florian Pichler
@pichfl on GitHub/Twitter

NEW EPISODE
CN HD

# Hi, I’m Florian

# Professionally

- Creative Director at anfema GmbH
- We create digital experiences:
  iOS / Android / Web / Backends
- Yes, we are hiring. Talk to me.

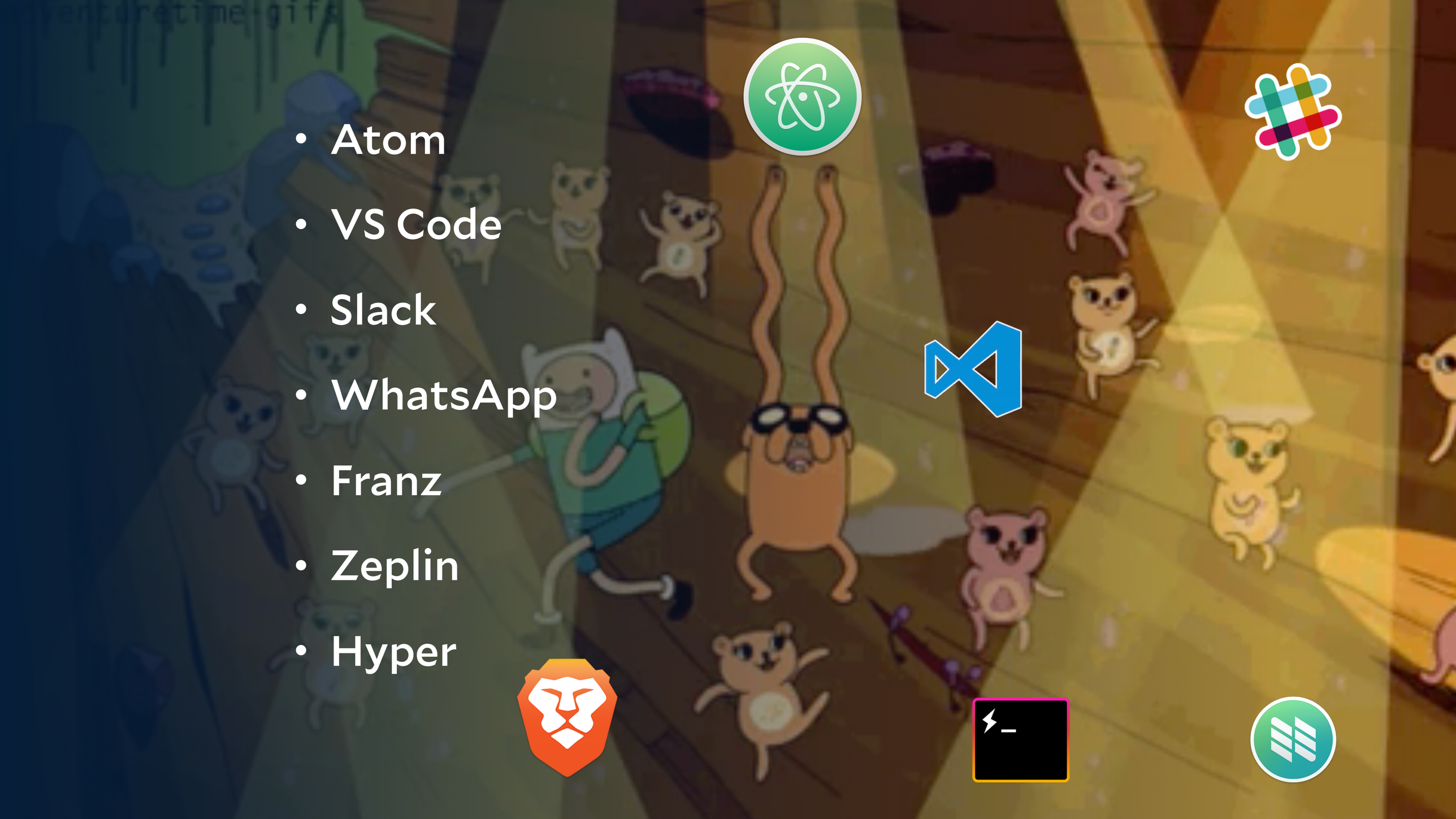
# Personally

- Working with JavaScript for 10+ years
- MooTools → Vanilla → Ember
- Maintainer of Ember-Electron
- Twitter/Instagram @pichfl

# ELECTRON

# Electron

- Write cross-platform desktop applications using JavaScript, HTML and CSS
- Great community
- Many big supporters
- Created by GitHub for Atom


Atom
VS Code
Slack
WhatsApp
Franz
Zeplin
Hyper

# Yay

- It’s just Chrome plus Node.
- Good documentation
- Extend your web application to the desktop world
  - File system access
  - Tray / Status bar apps
  - Global Hotkeys

# Nay

- Bad code won’t magically turn into good code:
  - Slow, large web apps will stay slow, large
  - Watch out for memory leaks
- It’s Chrome. Plus Node.

# Why we use it

- Mitigate corporate clients and their browsers.
  - Provide their IT with a signed binary and you’re good to use the new stuff in JS and CSS for internal projects. Yay!

ember

# Ember

- A JavaScript framework for creating ambitious web applications
- Batteries included
- See previous talk
- Great community and addon landscape

# Ember Electron

# Ember-Electron

- Wrap any Ember app in a desktop app
- Ember addon created by Felix Rieseberg (Slack, Ghost)
- I had some part in the 2.0 rewrite
- Now based on electron-forge which abstracts the complex task of building and packaging Electron apps
- `ember install ember-electron`

# What we'll do

- Run a small Ember app
- Wrap it with Electron
- Add a menu
- Add shortcuts
- Enable IPC
- Package the binary

# Hands on

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