

Jens Krause

Hamburg Area - Germany | <http://jkrause.io> | email@jkrause.io

Independent Software Developer with **18 years experiences** in cutting edge web technologies. Currently focused on **Functional Programming** with **Haskell** and **PureScript**.

Professional work (detailed portfolio in German <http://jkrause.io/arbeiten/>)

2016 - today

Dec. 2016 - today
IOHK (Hongkong)

Sept. - Nov. 2016
Herculus.io (Hamburg / Germany)

2012 - 2016

Misc. projects / clients
Cellular, SinnerSchrader, misc. startups, Volkswagen, ZDF, TUI, etc.

1999 - 2012

Misc. projects / clients
For Sale Digital, Tribal DDB, Interone, Deutsche Post, Hamburg Messe, Henkel, ILA Berlin, Jimdo, L'TUR, Media Markt, Mercedes Benz, MINI, Philips, Unilever, Universal Pictures, Volkswagen etc.

100% Haskell | 100% PureScript

Cardano SL Developer - Team Haskell

- Developing <https://cardanoexplorer.com> (PureScript)
- Extending Explorer's API and its realtime implementation (Servant, Aeson, socket.io)
- Re-write of Wallet API (Servant, Aeson)
- Developing extra API layer to bridge Daedalus Wallet (Aeson, PureScript)
- Tests (Haskell + PureScript, QuickCheck, `purescript-spec`)
- Building PoC's (e.g. type generator from Haskell to PureScript)

Haskell Developer

- Frontend implementation of a spreadsheet application (GHCJS, `react-flux`)
- Extending backend-side API (Servant, Aeson)

80% JavaScript | 20% NodeJS, PHP, Ruby

Senior Developer

- Web / Mobile applications (Angular, Backbone, Ionic, Knockout, React, React Native, RxJS, TypeScript, CoffeeScript, ES 6/7, RubyMotion)
- Backend development (NodeJS, PHP, Zend, RabbitMQ, Ruby)
- TDD / BDD / E2E (Karma, Istanbul, Mocha, Sinon, Enzyme, Webdriver, CucumberJS)

80% ActionScript | 20% JavaScript, PHP, Java

Adobe Flash / Flex Developer

- Desktop / Web / Mobile applications written in ActionScript 3 (Adobe Flex, Adobe AIR, Adobe Flash, Cairngorm, Mate, Parsley, PureMVC, Robotlegs, Swiz, Flex Charts, yFiles FLEX, Flare)
- Backend development (Flash Remoting, BlazeDS, Flash P2P, Live Video Streaming)
- TDD (FlexUnit, AsUnit)

Education

University of Hamburg
Oct. 1994 - Jan. 2002

1. Staatsexamen (First State Examination)

Profiles

Github

<https://github.com/sectore/>

Twitter

<https://twitter.com/sectore>

LinkedIn

<http://www.linkedin.com/in/jenskrause>

Portfolio / Blog

<http://jkrause.io>

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