Alexandre Kohler

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SUMMARY

I am **Alexandre Kohler, Senior Full Stack Software Engineer in Brusque, Brazil**, with more than 10 years building backend systems, APIs and microservices. I have **215 merged pull requests in 59 organizations**.

SKILLS

Languages	TypeScript, JavaScript, Python, PHP, Go, Rust, Java, C#
Back end	Node.js, NestJS, Fastify, Laravel, Spring Boot, APIs, microservices
Front end and mobile	React, Vue, React Native, Flutter, Swift
Data and messaging	PostgreSQL, MySQL, SQLite, Redis, Elasticsearch, Kafka, RabbitMQ
Cloud and infrastructure	Docker, AWS

OPEN SOURCE CONTRIBUTIONS

215 merged pull requests in 59 organizations. Full list of merged pull requests

Merged pull requests by organization: Google 38, ByteDance 25, Microsoft 15, Mozilla 11, React 8, Apple 8, Uber 7, Portugol Webstudio 6, GitHub 5, Amazon Web Services 5, Capital One 5, Meta 5, Netflix 4, Cloudflare 4, and 45 more.

Highlights

- **twbs/bootstrap#42956** Fix Chips Shift+Click range selection losing its anchor
- **mrdoob/three.js#34673** Line3: Fix closest point for degenerate segments in distanceSqToLine3()
- **tailwindlabs/tailwindcss#20512** Sort breakpoint variants with decimal values numerically
- **vuejs/core#15618** fix(compat): expose _setupProxy for Vue 2.7 compiled script setup (fix #11164)
- **excalidraw/excalidraw#12178** fix(editor): embed YouTube live links
- **mui/material-ui#49234** [slider] Fix disableSwap when a neighbour thumb is at 0
- **puppeteer/puppeteer#15507** fix: remove injected scripts when clearing custom query handlers
- **python-poetry/poetry#11093** fix: do not fail when uninstalling a path dependency whose source is gone

HOW I WORK

A failing test first

Every pull request starts from a test that reproduces the bug, so the fix is proven, not assumed.

The root cause, explained

Each PR says what broke, why it broke and why this fix is the right one.

Small, focused diffs

One problem per pull request, in the style of the project, so maintainers can merge it quickly.

OPEN SOURCE PROJECTS

Raiko.js Full stack TypeScript framework
Backend and frontend in one file tree: a Next.js style app router with server components.
Website | github.com/kwy404/Raiko.js

glyphfox Icon library and studio
Original icons that bend, morph and fuse: weight, corner and style axes, any icon into any other, 2 to 10 icons fused into one and living animations.
Website | github.com/kwy404/glyphfox

SIGIL Hands free phone control
Control your phone with signs drawn in the air and with your voice, in 8 languages: apps, volume, brightness, media and per app gesture profiles.
Website | github.com/kwy404/sigil

hivedesk 1.0 Desktop app for local AI agents
A local AI crew builds websites, mobile and desktop apps, APIs and more on your PC, asks before it guesses and audits your code.
Website | github.com/kwy404/hivedesk

howlden Private group calls in the browser

Group chat, voice, video and screen share with no server: dens for up to 5 friends or 1 to 1 calls, invite only, local account, end to end encrypted.

Website | github.com/kwy404/howlden

filefinch Peer to peer file transfer

Send files and whole folders straight between your devices in the browser: no server, no account, no size limit, resumable and end to end encrypted.

Website | github.com/kwy404/filefinch

doodleduo Multiplayer whiteboard

An endless whiteboard you draw on with up to four friends, with chat, voice, camera and screen share, peer to peer with no account.

Website | github.com/kwy404/doodleduo

tabtango Shared browsing

Browse one tab together with friends: they watch it live with its sound, point with their own cursors and talk, peer to peer with no account.

Website | github.com/kwy404/tabtango

installkite Progressive web app toolkit

Make any website installable and offline with one line: manifest, icons, service worker, offline page, install button and update toast.

Website | github.com/kwy404/installkite

cookieowl Cookie consent for LGPD and GDPR

Really blocks trackers until consent, with Google Consent Mode v2, an accessible banner and 5 languages.

Website | github.com/kwy404/cookieowl

breakhound Bug finder for JavaScript libraries

Finds bugs automatically with no tests required: reads the TypeScript types, attacks every function with edge cases and reports minimal repros.

Website | github.com/kwy404/breakhound

vueleap Vue 2 to Vue 3 migration CLI

Migrate with one command: finds every breaking change, auto fixes the safe ones and prints the @vue/compat flags.

Website | github.com/kwy404/vueleap

numberparrot Localized number parsing

Parse localized numbers and currency strings in any locale: parseFloat("1.234,56") is 1.234, numberparrot gives 1234.56.

Website | github.com/kwy404/numberparrot

kastor TypeScript ORM

One ORM for PostgreSQL, MySQL, MariaDB, SQLite, Turso, Cloudflare D1, SQL Server, Oracle, CockroachDB and MongoDB.

Website | github.com/kwy404/kastor

pixelotter Photo editor in the browser

A layered photo editor that works offline: selections, filters, background removal, PSD and TIFF, and live editing with friends, peer to peer.

Website | github.com/kwy404/pixelotter

popcornpals Watch together

Watch videos in sync with up to four friends: a local file streamed by the host, YouTube or screen share, with voice and chat, peer to peer with no server.

Website | github.com/kwy404/popcornpals

fontsketch Font editor

Create your own font in the browser: draw, edit or scan your handwriting, then export TTF, OTF, WOFF and WOFF2 with kerning, accents, hinting and variable weight.

Website | github.com/kwy404/fontsketch

a11ymedic Accessibility checker

Explains every problem in plain language and gives the exact fix: 61 WCAG 2.2 rules, contrast fixer, auto fix, browser overlay and CI.

Website | github.com/kwy404/a11ymedic

Monsoon CSS framework

Utility-first CSS with no build step: 167 native components, arbitrary values like bg-[red] from a CDN.

Website | github.com/kwy404/monsoon

Voodoo.js JavaScript framework with no build step

JSX running from a plain .html file, with reactive directives.

Website | github.com/kwy404/Voodoo.js

graphemely Emoji safe strings

Truncate, slice and count strings with emoji safely in JavaScript, plus an ESLint plugin for unsafe string code.

Website | github.com/kwy404/graphemely

edgegoat Edge case test data

Edge case test inputs for JavaScript: time zones, DST, unicode, -0 and NaN, URLs, paths and JSON, ready for test.each.

Website | github.com/kwy404/edgegoat

LANGUAGES

Portuguese (native), English