CESAR HERTZ
Software Engineer

cesar.hertz@icloud.com

+45 31 80 92 75

linkedin.com/in/hertz-cesar/

github.com/manguocesar

cesarhertz.com

29 years old
2100 Copenhagen

PROGRAMMING

JavaScript / Typescript / NodeJS

CSS / HTML

FRONTEND

ReactJS / ReactNative / NextJs

RTK query / TanStack / tRPC / SWR

AuthJs / JWT / ReactHookForm / Zod

TailwindCss / ShadcnUI / RadixUI

StoryBook / Framer

BACKEND

ExpressJs / NestJs / Apollo / Swagger

Expo / Prisma / Grizzle / Mongoose

DATABASES

MongoDB / PostgreSQL / SQLite

DEVOPS

Docker / AWS / EAS

Jenkins / Vercel / Neon

Git / GitLab / GitHub

RDS / DocumentDB

EC2 / S3 / Elastic Beanstalk

AI

ChatGpt / DeepSeek / Claude

Mistral / V0 / Copilot / Cursor

OpenAI api

After **6 years** between Europe & China as a **digital consultant**, I wish to join an agile, innovative & ambitious team in Copenhagen. Having managed & developed a dozen of **full stack web & mobile apps**, I thrive in fast-paced, horizontal & transparent environments

Main consultancy projects - Shanghai, China:

REDILINK - *Event social networking app - July 2022 / Oct 2024*

- Built from scratch a multilanguage iOS / Android mobile app for Swiss real estate professionals to connect & share content at events.
- Created a backoffice for admin to update content & analyze usage during events.
- Designed an expressJS REST API connecting the mobile & admin apps to external APIs such as Contentful CMS & mailgun.
- Set up deeplinking & push notification to reach 100% usage at events
- Halved loading time through memoization, code splitting, lazy loading & asset management techniques.
- Added asynchronous state management for automatic caching & background data synchronization.
- Coached the customer into deploying & updating the apps autonomously on EAS, Github & AI prompts

Tech: typescript, *react native, expo, EAS, react admin, tanstack, tailwindCss, V0, ChatGPT, expressJs, MongoDB, Mongoose, AWS, swaggerHub, jwt, figma, contentful, RESTapi, i18next & mailgun*

MELDD – Consensus & research app - *July 2023 / June 2024*

- Collaboration iOS, Android & web app with React Native, expo & EAS for the Chinese & Western market.
- Implemented localization & translations with i18n, animated navigation
- Boosted the UX & loeading performances by upgrading to React 18 code splitting, lazy loading, asset optimization & memoization
- Deeplinking from QR codes & push notifications to enhance collaboartion
- Moved from pure SQL requests to Prisma ORM to quicken development

Tech: typescript, *react native, expo, EAS, reduxToolKit, tailwind, ChatGPT, figma, ChatGpt, GraphQL, PostgreSQL, Apollo, NestJS & i18next*

CHIPEDIN - *Peer-to-peer crowd-gifting service - Feb 2022 / June 2022*

- Built a web app for individuals and KOL alike to receive gifts from their community using universal gift registry.
- Reached 99% lighthouse report though NextJs capabilities: performances, accessibility, SEO, web vitals & best practices
- Built the app around a CRM/CMS google spreadsheet approach for the admin to update content, user information & analyze user data.

Tech: typescript, *next.js, tailwindcss, framer motion, contextAPI, lighthouse, netlify, cloudinary, google-spreadsheet, stripe & mailgun*

PURELIVING - *Indoor environmental quality - August 2021 / Feb 2022*

- Through SOLID guidelines, enhanced & re-factored the react class component app displaying environmental data in offices.
- Implemented responsive behavior, cross-browser compatibility & accessibility principles to improve UX & lighthouse reports
- Created customized data visualization displays based on the device, visitors & users in the office.
- Built an admin panel for office manager to choose which template to use

Tech: *typescript, react, redux, notion, antdesign, chartJs, RESTapi & i18next*

ITALKI - *Language learning platform - Dec 2020 / August 2021*

- Upgraded the ReactJS client rendering app to server-side rendering (SSR) and static site generation (SSG) app with Next.js
- Reached 99% lighthouse report for web & mobile devices through NextJs best practices: image optimization, lazy loading, server & static rendering.
- Coached the team about Nextjs's data fetching, page loading, web metrics & user experience to enhance performances, accessibility & SEO
- Divided by 3 the number of components with refactoring & storybook
- Coacked the team from Antdesign to Tailwindcss3

Tech: *typescript, nextjs, tanstack, lighthouse, RESTapi, tailwindcss & i18next*

PositiveThinking – *Consultancy cie. - Sept 2018/Dec 2019 – Belgium*

- As sales engineer, developed from scratch a Business Unit of 20 innovative Belgium companies taking advantage of digital transformation
- Through HR sourcing & project management, managed a web & cloud computing team of consultants.

Tech: *typescript, react, redux, react native & AWS*

Coventry University - Master of Entrepreneurship & Development - 2015|2017

Thesis: Digital transformation through KPIs

- HTML, CSS, JS, CMS & Marktech