

HELDER CORREIA

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<https://github.com/hppc25>

My personal website: <https://www.helderpcorreia.me/>

SUMMARY

I am a software developer with 5 years of experience in structuring, developing and implementing software and websites. I am a quick learner, with the ability for multi-tasking and juggling multiple projects under pressure, always meeting deadlines. I constantly improve my technical skills and practical knowledge through working on my personal projects and reading articles related to web and software development. I like to work in a team, as there is plenty of space to learn and share skills with others. For more info about me please feel free to visit <https://www.helderpcorreia.me/>

PROFESSIONAL EXPERIENCE

January 2019 – Current

Web Developer, Stunn Ltd, Birmingham

- Description of my current role:
 - Implemented websites, mobile applications, and landing pages from concept through deployment.
 - Standardized all output with a new, responsive, mobile-first approach and strategy.
 - Assessed UX and UI designs for technical feasibility.
 - Maintained, updated, and improved existing company websites.
 - Bug fix QA and problem solve.
 - Web accessibility and Search Engine Optimization (SEO) best practices.
 - Collaborated with product team members to implement new feature developments.
 - Perform code reviews.
 - Write tests
- Technologies:
 - Javascript, HTML e CSS (React, React Native, jQuery, Jest)
 - Java (Spring Boot)
 - SQL e JSON

DECEMBER 2017 – MAY 2018

Scientific Researcher, INESC Technology and Science - Associate Laboratory, Porto (Portugal)

- Project name: Moozz
- Company: INESC TEC -(Institute for Systems and Computer Engineering, Technology and Science Porto - Portugal)

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- In this project I developed Moozz, a quiz assessment environment for Mooshak 2.0, with its own XML definition for describing quizzes. This definition is used for: interoperability with different e-learning systems, generating HTML-based forms, storing student answers, marking final submissions and generating feedback. Furthermore, Moozz also includes an authoring tool for creating quizzes.
 - Technologies: Javascript, Java, GWT, XML, HTML, CSS, Schema

OCTOBER 2016 – OCTOBER 2017

Scientific Researcher, INESC Technology and Science - Associate Laboratory, Porto (Portugal)

- Project Name: Kora
- In this project I developed Kora, an automated diagram assessment tool with enhanced feedback, targeted to the multiple diagrammatic languages used in computer science. Kora builds on the experience gained with previous research, namely: a diagram assessment tool to compute differences between graphs; an IDE inspired web learning environment for computer science languages; and an extensible web diagram editor.
- Technologies: Javascript, Java, GWT, XML, HTML, CSS, Xschema, Materialize, Maven

DECEMBER 2015 – SEPTEMBER 2016

Junior Researcher, INESC Technology and Science - Associate Laboratory, Porto (Portugal)

- Project Name: Eshu
- Development of an extensible diagram editor(Eshu), embeddable in Web applications that require diagram interaction, such as modeling tools or e-learning environments. Eshu is a JavaScript library with an API that supports its integration with other components, including importing/exporting diagrams in JSON. Eshu was already integrated in a pedagogical environment with automated diagram assessment, configured for extended entity relationship diagrams, that served as the basis for an usability evaluation.
- Technologies: Javascript, Java, GWT

PERSONAL PROJECTS

JULY-AUGUST 2022

Rentx API

- A Car rental Node.js API built with Express and all the latest tools and best practices in development! In this version I went deeper into the principles of clean architecture, clean code, SOLID and scalability.
- Technologies: NodeJs, ExpressJs, Typescript, Docker, Typeorm, Postgresql, Jest, Swagger
- Github: <https://github.com/hppc25/nodejs-rentalx>

JUNE 2022

My Portfolio

- The project aims to study and develop an application in ReactJS with NextJS and Typescript to implement my portfolio.

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- The application was developed using the NextJS framework using Style component to style the app and Prismic CMS to store project information.
 - Technologies: ReactJS, NextJS, TypeScript, Styled Components, Prismic CMS, Googleapis
 - Link: <https://www.helderpcorreia.me/>
 - Github: <https://github.com/hppc25/react-my-portfolio>

MAY 2022

Ig.news

- The project aims to study and develop an application in ReactJS with NextJS for listing posts and subscription systems.
- The application was developed using the NextJS framework, applying concepts such as external API consumption, API Root, Server Side Rendering (SSR), Static Site Generation (SSG), STRIPE for subscription payments, NextAuth for authentication with Github, FaunaDB to store the information in a database and Prismic CMS for adding and managing post content.
- Technologies: ReactJS, NextJS, TypeScript, Chakra-ui, Fauna db, NextAuth, Prismic CMS, Stripe , Jest, React Testing Library,
- Link: <https://react-ignews-eosin.vercel.app>
- Github: <https://github.com/hppc25/react-ignews>

APRIL-MAY 2022

Dashgo

- The project aims to study and develop an application in ReactJS with NextJS and Typescript to implement a dashboard.
- The application was developed using the NextJS framework using Chakra-ui to build the interface, React-Hook-Form to manage forms, Yup to validate forms, MirageJS to simulate an API.
- Technologies: ReactJS, NextJS, TypeScript, Chakra-ui, React Hook Form, Apexcharts, React Query, Yup, MirageJS
- Github: <https://github.com/hppc25/react-dashgo>

MAY 2021 - MARCH 2022

Fest Mar,

- FestMar is an online platform for selling fish and seafood. It provides fresh, treated and ready-to-eat fish directly to your home.
- Technologies: ReactJs, NextJS, TypeScript, Styled Components, Jest, React Testing Library, GraphQL, Apollo Client, Strapi, Strape, NextAuth, Storybook, Eslint, Prettier, Husky,
- Prototype: <https://angry-swartz-c83ba5.netlify.app/>

DECEMBER 2021

RentX - Mobile App (Android and iOS),

- RentX is a renting cars app, developed during the Rocketseat Ignite course.

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- Technologies: React Native, React, Expo, TypeScript, Styled-Components, React Native Calendars, React Navigation, Axios, Yup, React Native Reanimated, Lottie for React Native and WatermelonDB to Offline First.
 - <https://github.com/hppc25/rn-rent-X>

JANUARY 2021 – FEBRUARY 2021

Online shoes shopping - Mobile App (Android and iOS),

- In this project I designed and implemented an E-Commerce app “Online shoes shopping” using react native and strapi as admin. I developed this app to study and improve my GraphQL skill.
- Technologies: React Native, GraphQL, Apollo Client, Strapi.
- Link to video and screenshots
<https://drive.google.com/drive/folders/13AC-Oelmzs4D59Ljll6fc9vCtIhoQl1U?usp=sharing>

NOVEMBER 2020 – FEBRUARY 2022

Sabores de Cabo Verde (Flavor of Cabo Verde) - Mobile App (Android and iOS),

- I designed and implemented a mobile version of Sabores Cabo Verde, using the open source framework Flutter.
- Flutter, i18n, dark theme and light theme
- <https://drive.google.com/drive/folders/1kTYI9dMJJa5M2bGM1CnZIG7bUmtgvnlds?usp=sharing>

NOVEMBER 2020 – FEBRUARY 2022

Sabores de Cabo Verde (Flavor of Cabo Verde) - Admins App

- For the admins I used the React-admin, the React Framework For B2B Apps (<https://marmelab.com/react-admin/>). I added the i18n, light theme and dark theme to the app
- Restaurant Admin
(<https://drive.google.com/file/d/1bupKUzOaLgZtOVVJIZ9xTlyR06FP2yXb/view?usp=sharing>)
- Charity Admin
<https://drive.google.com/drive/folders/1iRuL4zkYamiAaebgcqNis5vzfvaHwzpl?usp=sharing>
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NOVEMBER 2020 – FEBRUARY 2022

Sabores de Cabo Verde (Flavor of Cabo Verde) - Web App

- Sabores CV is a Progressive Web App for sharing and consulting traditional Cape Verdean recipes, which provides recommendations for recipes customised to the individual's taste, advanced recipe search, a digital recipe box, homemade stock management, automatic recommendation of gastronomic itinerary for a certain number of days, and information on the registered places for tasting each recipe with the possibility of direct scheduling. Sabores CV promotes solidarity through campaigns with restaurants to donate daily leftovers and features such as “Live streaming solidarity” and “Scheduling of take-away of leftovers”.

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- Technologies: Vue, CSS, SASS, HTML, MVC.
 - <https://www.youtube.com/watch?v=6CVYPOuxL98>
 - Prototype: <http://www.saborescv.com/>

APRIL 2018 – JULY 2018

Dashboard for CVQuiz app

- In this project I designed and implemented an admin for a quiz app using React.
- Features: create, update and remove: user, questions, categories, ranking and awards.
- Technologies: React, SASS, redux, Redux-saga, Redux-thunk, React-i18next, React UI - Material-UI,

SKILLS

Languages and frameworks

- (Experienced) Javascript, React, HTML, CSS, SASS
- (Expert) React Native, NextJs, Typescript, jQuery, Ionic(2+), GraphQL
- (Skillful) VueJS, Flutter, Node.js, Angular(2+), WordPress, Docker

DataBase

- MySql
- MongoDB
- SQLite
- Postgres

Version Control

- Git and SVN

Operating system: Linux, Microsoft Windows, MacOS.

EDUCATION

SEPTEMBER 2018

Faculty of Sciences of the University of Porto, State
Master's Degree in Network and Information Systems Engineering
Subjects:

- Dissertation (Diagram Assessment in Mooshak 2.0)
- Processing of Structured Documents(XML, XSD, JSON, XML Schema, DTD, XSLT,XQuery)
- Software Project Management
- Distributed Systems
- Data Mining
- Advanced Topics in Databases (Postgres)

JULY 2015

Faculty of Sciences of the University of Porto, State
Degree Computer Engineering Sciences
Subjects:

- Introduction to Programming (Language C)
- Data Structures (Java)
- Functional Programming (Haskell)

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- Algorithm Design and Analysis Software Architecture (Design Patterns - Java)
 - Databases (MYSQL)
 - Web Technologies (HTML5, Javascript, CSS, NodeJS)
 - Multimedia Systems (Unity 3D)
 - Human-Machine Interfaces Intelligent Systems

LANGUAGE SKILLS

English - Advanced speaking and writing

Spanish - Basic speaking and writing

Portuguese - Mother Language

PUBLICATIONS

JUNE 2018

Title: "Moozz: Assessment of Quizzes in Mooshak 2.0",7th Symposium on Languages, Applications and Technologies (SLATE'18),

Date & Local: June 22-23, 2018, Guimarães, Portugal. OASICS 51, Schloss Dagstuhl

Project: Moozz-Assessment of Quizzes in Mooshak 2.0

Reference: References available upon Request

OCTOBER 2018

Title: "Improving Diagram Assessment in Mooshak",Communications in Computer and Information Science,

Date & Local: October 05-10, 2017, Barcelona, Espanha. Springer

Project: Kora-Diagram evaluation in Mooshak 2.0

Reference: References available upon Request

JUNE 2017

Title: "Enhancing feedback to students in automated diagram assessment",6th Symposium on Languages, Applications and Technologies (SLATE'17)

Date & Local: June 26-27, 2017, Vila do Conde, Portugal. OASICS 51, Schloss Dagstuhl

Project: Kora-Diagram evaluation in Mooshak 2.0

Reference: References available upon Request

Award: The best paper award on SLATE track Computer-Computer Language!

JUNE 2016

Title: "Eshu: An Extensible Web Editor for Diagrammatic Languages",5th Symposium on Languages, Applications and Technologies (SLATE'16),

Date & Local: June 20-21, 2016, Maribor, Slovenia. OASICS 51, Schloss Dagstuhl

Project: Eshu-Embeddable in Web applications that require diagram interaction, such as modeling tools or e-learning environments.

Reference: References available upon Request

