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Projects

Insta Squares, *App for Instagram* [🔗](#)

06/2015 – Present

Instant Squares lets you split/splice your pictures into multiple pieces and upload them directly to Instagram to create a big square or a banner.

- Identified a gap in the market and decided to fill it.
- Conceptualized, developed, marketed, and currently maintain it.
- Built with Ionic/Angular 1, Cordova, and various plugins also JQuery and Sentry.
- Currently has hundreds of DAU (Daily Active Users).

MUD Game [🔗](#)

04/2020 – 04/2020

A MUD game with graphical UI. Built in 4 days with no previous experience in Django and Canvas with React.

- Built a graphical UI for the game consisting of a server side randomly generated map and client side animated sprites, using HTML 5 Canvas.
- Built with: React, Redux, Canvas, Django, HTML, CSS, JS.
- Code Available on GitHub [🔗](#).

Skills

- JavaScript, TypeScript, React, Redux, Jest, NodeJS/Express, Python, SQL, HTML, CSS, Ionic, Git, OOP, Scrum.
- Adaptability, Critical Thinking, Problem-solving, Professionalism, Perseverance, Open Source Experience.

Professional Experience

Gig Club, *App Developer*

05/2019 – Present

- Developed and maintained one mobile hybrid application for internal use, Aveiro, Portugal
- Built with Ionic/Angular 4 and TypeScript.

Overpass Apps, *App Developer*

07/2018 – Present

- Developed and maintained various mobile applications for the Play Store, using Aveiro, Portugal
- Developed and maintained various mobile applications for the Play Store, using Ionic/Angular 4 and TypeScript.
- Analyzed and consequently implemented various new features.
- Worked remotely.

Freelancing, *Web & App Developer*

07/2016 – Present

- Developed and optimized various websites. Aveiro, Portugal
- Conceptualized, developed, marketed and maintained multiple mobile hybrid applications for the Play Store, currently with more than 1 million cumulative downloads.
- Developed and published a Coupons Chrome Extension.
- Contributed to multiple open source projects available on **GitHub** [🔗](#).

EVOKE IT, *Web Developer*

09/2015 – 07/2016

- Developed micro websites for music festivals and other cultural events. Aveiro, Portugal
- Made various interactive projects such as:
 - Communication between screens and tables through various mechanisms, such as WebSockets.
 - Interaction with sensors (proximity, light, etc).
- Developed hybrid apps (iOS, Android) using Cordova and Ionic technologies.

Modulus One, Web Developer <ul style="list-style-type: none"> • Re-designed of a public lighting management system. • Made improvements to said system to increase speed and ease of use: <ul style="list-style-type: none"> - Used technologies such as AJAX to achieve that goal. - Improved already existing PHP Classes (OOP) following the DRY principles. 	11/2013 – 08/2015 Aveiro, Portugal
Viriato & Viriato, Web Developer <ul style="list-style-type: none"> • Managed front-end and back-end development for the company's portfolio of client websites. • Evaluated and became knowledgeable in new standards, technologies, and trends in website development. 	02/2013 – 11/2013 Águeda, Portugal
Mikroelement, Junior Web Developer <ul style="list-style-type: none"> • Planned, developed, tested, deployed, and maintained new features for an in-house Content Management System (CMS). 	03/2012 – 06/2012 Agueda, Portugal

Education

Lambda School, Full Stack Web Development & Computer Science Lambda School: A nine-month, full-time remote CS and software engineering program based in San Francisco, backed by Stripe, Alphabet, and Y Combinator. <ul style="list-style-type: none"> • Learned and used technologies such as JavaScript ES6, React (Redux), Jest. • Built REST APIs using Node/Express. • Python 3, Git. • Hands on experience building several products using Agile. • Computer Science fundamentals in Python: algorithms, data structures, computational complexity. 	2019 – 2020 San Francisco, USA
ESTGA - Escola Superior de Tecnologia e Gestão de Águeda, <i>Technologies and Programming of Information Systems - EQF level 5</i> Skills adquire during this course include: <ul style="list-style-type: none"> • Build IT applications for information systems management. • Design and handle a database with a view to solving business problems and supporting the respective information systems. • Implement information systems based on web technologies, using classic computer systems and mobile devices. • Configure and manage information systems applications in organizations (ERP, CRM, logistics, etc.). • Design systems integration architectures. • Select the most appropriate technological solutions and the tools to be used in each specific situation. 	11/2013 – 08/2015 Agueda, Portugal
ESAP - Escola Secundária Adolfo Portela, <i>Computer Systems Management and Programming Technician</i> Skills adquire during this course include: <ul style="list-style-type: none"> • Learned the basic concepts of programming. • Learned C++, VB.NET, SQL, PHP, HTML, CSS, JS. • Networking basics, hardware basics, operating systems basics. 	2009 – 2012 Águeda, Portugal