João Abreu *Backend Engineer*

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PROFESSIONAL EXPERIENCE

BLIP, *Associate Backend Developer* Jun 2023 – present

- Implement and maintain the cashout functionality of Paddy Power and Betfair websites and applications.

Technologies: Java, Kafka, Spring Boot, Cougar, Jenkins, Splunk.

BLIP, *Backend Intern* Sep 2022 – Jun 2023

- Build and maintain scalable, highly available services that communicate with various feed providers to update competitions and events from external providers.
- Implement and maintain the search engine of Paddy Power and Betfair websites and applications.
- Post-university experience, through a 9 months professional internship.
- **Technologies**: Java, Scala, Kafka, Spring Boot, Elastic Search, Jenkins, Splunk.

Yari Labs, *Software Engineering Intern* Jul 2021 – Aug 2021

- Collaborated in open source project based on blockchain, rewarding users with cryptographic distributed tokens based on their performance.
- Built the project's graphical user interface by implementing a responsive website, which led to obtaining the "Excellent" grade .
- **Technologies**: TypeScript, VueJs, TailwindCSS, CouchDB, Auth0, Agile, Netlify.

EDUCATION

Integrated Masters in Informatics Engineering, *University of Minho* Sep 2017 – Dec 2022 | Braga, Portugal

- **Master's specializations**: Application Engineering and Intelligent Systems.

PROJECTS

Roomie, *Real Estate Availability Platform* Apr 2021 – Jun 2021

- Developed a web platform that uses a rating system to help tenants and landlords through the process of renting an house.
- **Technologies**: Java, Spring Boot, Hibernate, PostgreSQL, Vue.js, NGINX, Docker, GCP.

Bird Species Classifier Mar 2021 – Jun 2021

- Developed a Machine Learning model using CNN to classify bird species. Genetic Algorithms were then applied to optimize the hyperparameters and the loss function.
- **Technologies**: Python, Tensorflow, Keras, Jupyter Notebook.

Educational Resources Providing Platform Oct 2020 – Dec 2020

- Built a platform that provides educational resources of various types: books, articles, reports. Designed and engineered APIs and the interface, as well as the NoSQL database system.
- **Technologies**: HTML & CSS, Pug, JavaScript, Node.js, Express, MongoDB.

LANGUAGES

Portuguese ● ● ● ● ●

English ● ● ● ● ○