

Work Experience

- | | | |
|--|---|---------------------------------|
| Team Lead | Runtime Revolution - House of Enspa
Lisbon, Portugal | November 2021 – Present |
| <ul style="list-style-type: none">Responsible for leading a development team.Deploying and monitoring applications with Heroku.Maintaining a large scale Rails application, served with a React and Redux Progressive Web App on the frontend. | | |
| Full stack Software Engineer | Runtime Revolution - FollowAnalytics
Lisbon, Portugal | Jun 2016 – November 2021 |
| <ul style="list-style-type: none">Maintaining and scaling a large enterprise consumer REST API, written in Ruby on Rails, with thousands of concurrent requests and thousands of parallel SideKiq jobs running asynchronously.Helped on the transition and the maintenance of a large legacy frontend application to industry-standard web frameworks, such as React.Sole responsible for maintaining and developing new features for a microservice designed to send millions of mobile push notifications per second, written in Golang.Worked on other small microservice applications written in Elixir, using the Phoenix Web framework. | | |
| Junior Frontend Developer | Runtime Revolution - SurfTerra
Lisbon, Portugal | Apr 2016 – Jun 2016 |
| <ul style="list-style-type: none">Sole responsible for maintaining and fixing problems on the client application, written in Ruby on Rails. | | |
| IT Support (Part Time) | SOLPLAY Hotel
Lisbon, Portugal | Summer 2013 |
| <ul style="list-style-type: none">Fix issues on the hotel's networking infrastructure.Fix hardware and software problems across all the hotel's computers (such as installing new operating systems and repairing damaged computers). | | |

Education and Certifications

- M.Sc. Computer Science**, Instituto Superior Técnico, Lisbon, Portugal. **2014–2016**
- B.Sc. Computer Science**, Instituto Superior Técnico, Lisbon, Portugal. **2011–2014**

Technologies and Languages

- Languages: Java, Go, JavaScript, Ruby.
- Backend Frameworks: Rails, Spring.
- Frontend Frameworks: React, AngularJS.
- Technologies: Typescript, Redux, Webpack, Kafka, Databricks, SideKiq.
- Databases: MySQL, PostgreSQL, AWS Redshift, Cassandra, MongoDB, Redis, Spark.
- Others: HTML5, (S)CSS, PWA (Progressive Web Applications).

Projects

- **Reddit Image Browser**
 - A web app to browse images posted in any Subreddit.
 - Technologies: React, Redux, React Router, Node, Typescript.
 - Repo: <https://github.com/luispcosta/Reddit-Image-Browser>
- **Git Commits Viewer**
 - A CLI utility to browse through the commits of a GitHub repository, from any branch.
 - Used Perl and Unix commands to parse the output of the git log command.
 - Used local file caching to keep a copy of the repository in the file system.
 - Used command line options to allow running the application as a REST API.
 - Repo: https://github.com/luispcosta/git_commits_viewer
- **CLI Timetracker**
 - A CLI tool to track time spent on user defined tasks, with a focus on speed and simplicity.
 - Built entirely with Golang.
 - Used SQLite to store the application and user data.
 - Repo: <https://github.com/luispcosta/tt/>