

Lucas R. Mendes

Brazilian, 25 years

Leiria, Portugal

(351) 913 020 399

Lrmen14@gmail.com

www.linkedin.com/in/mends



Experience

JUL 2022 – PRESENT

Front-End Engineer (Typescript) / NOKIA, Portugal

- Working on a React Typescript application, following design patterns and best practices.
- Working with GraphQL to manage client data.
- Building data visualization dashboards using D3.JS.
- Development of high-quality unit-tests.
- Development of E2E-tests using CYPRESS.
- Working on a monorepo structure, configuring tasks and libraries.
- Development of CI/CD pipelines.
- Collaborating with the team to implement new features, from the development plan till the release of the feature/component to production.
- Key Achievements
 - Development of a very innovative and user-friendly dashboard graph, enriched by key features including animations and interactions that were created from scratch on top of some D3.JS limitations, adding some unique new features to enrich the user experience.

FEV 2021 – JUN 2022

Full Stack Engineer (Typescript / Javascript) / Checkmarx, Portugal

- Working as a Full Stack Engineer focusing on the development of web applications to follow and manage the product's quality.
- Building React and Node applications from the concept through deployment phase (on AWS), following design patterns and best practices.
- Building interfaces using custom components (styled components), UI libraries (ant, material).
- Building data visualization dashboards (charts).
- Development of CI/CD pipelines, mainly using GitHub actions.
- Configuring webpack in TS/JS applications (react/node).
- Collaborating with product and development team to implement and test new features.
- Database integrations: NoSQL (Mongo, Dynamo, Elastic) & SQL (PostgreSQL).
- Integrating applications with 3rd party services, such as Github, Azure, Jira and Okta.
- Key Achievements
 - Development of an internal application that improved the company's quality process by tracking product development stages. Built from scratch to production, using Typescript in the backend and frontend, and also doing the deployment process.

JULY 2020 – JAN 2021

Undergraduate Researcher / Polytechnic Institute of Bragança, Portugal

Research Field: [Web Development focused on Database of Foods.](#)

Development of an integrated product that allows the complete management of a food database. The system includes interfaces for data maintenance and a panel for data analysis and machine learning. Main Technologies: Node, React, MongoDB, R (Shiny).

Education

2021- 12/2024

AWS Cloud Practitioner Certification.

Amazon Web Services Certification.

2020 – 02/2021

Master's Degree - Informatics

Polytechnic Institute of Bragança, Bragança, Portugal.

2017 - 2020

Bachelor's Degree – Computer Science

Federal University of Technology - Paraná, Ponta Grossa, Brazil.

Professional Skills

Front-end (React)

- API (GraphQL, React Query, Hooks)
- State Management (Redux, Jotai, Zustand)
- UI (Styled Components, Story Book, CSS Modules, Antd, MaterialUI)
- Data Visualization (D3.JS)
- Bundler (Webpack, Vite, CRA)
- Unit Testing (Jest, RTL)
- E2E Testing (Cypress)
- React Hooks

Backend (Node)

- API Conception and maintenance.
- AWS SDK (DynamoDB, SES, SQS, CloudFront...)
- Databases (Mongo, PostgreSQL)
- Automated Tests (jest, chai)
- Elastic Stack (Elastic Search, Kibana)
- Serverless (framework)
- Documentation (swagger)

Other

- CI & CD automation (Github actions, GitLab CI/CD, CodeBuild)
 - AWS Services
 - 3th party integrations (JIRA, GitHub, OKTA...)
-

Personal Skills

- Team player
- Problem Solving
- Critical Thinking
- Dedication
- Public Speaking
- Adaptable
- Leadership
- Sociable

Achievements

- **Professional**
 - [2022] Hackathon 2nd – Company Hackathon
 - [2021] AWS Certification: Cloud Practitioner
 - [2020] HUAWEI Seeds for the Future 2020 – Portugal (National Event)
 - [2020] Hackathon Winner – HACKATOWN (Local Event)
 - [2020] Hackathon Winner – CASTLETHON (Local Event)
- **Academic**
 - [2020] Current Academic Grading (IPB-Portugal): 17.2 out of 20.
 - [2020] Current Academic Grading (UTFPR-Brazil): 8.4 out of 10.
 - [2019] First Classified on Double Degree Program (UTFPR – IPB).
 - [2018-2019] 2x Best Presentation of Academic Research (UTFPR).

Publications

- Szesz Junior, Albino, Mendes, Lucas Ribeiro, & Silva, Sani de Carvalho Rutz da. (2020). **Math2Text: Software para geração e conversão de equações matemáticas em texto - limitações e possibilidades de inclusão.** *RISTI - Revista Ibérica de Sistemas e Tecnologias de Informação*, (37), 99-115. <https://dx.doi.org/10.17013/risti.37.99-115>
- Jáima Oliveira, Regina Miura, Flaviane Freitas, Marília Blanco, Emely Oliveira. (2020). Tecnologias educacionais como suportes para a inclusão escolar. In Szesz Junior, Albino, Mendes, Lucas Ribeiro, & Silva, Sani de Carvalho Rutz da. **Matemática fácil: sistema online para produção de equações matemáticas acessíveis.** (pp-11-26). São Carlos/SP: Editora De Castro. DOI: 10.46383/isbn.978-65-86540-08-6.

Portfolio & GitHub

- GitHub:
 - <https://github.com/lrmendes> (personal)
 - <https://github.com/cxlucas> (work)
- Portfolio: <http://lrmendes.github.io>