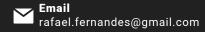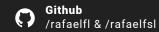# Rafael Fernandes Lopes
Fullstack Software Engineer

Hi! I am a Fullstack Developer with 20+ years of experience developing, testing and maintaining web and mobile software applications. I have a large experience with several languages and technologies, but for the past 7 years I have mainly specialized in Javascript Stack (React.js/React Native/Node.js) and Flutter. I also acted as manager, advisor and tech lead on dozens of software projects.

🌐 **Site/portfolio**
https://rafaelf.dev

✉️ **Email**
rafael.fernandes@gmail.com

Github
/rafaelfl & /rafaelfsl

📞 **WhatsApp / Telegram**
+55 98 99162-9222

LinkedIn
/in/rafael-fernandes-lopes

WORK EXPERIENCE

As Developer

• Fullstack Labs (Senior Software Engineer) | 2022 - Present
As a Senior Software Engineer at Fullstack Labs, I am contributing to the development of high-quality web and mobile software products for renowned clients, such as Fueled and Encyclopaedia Britannica. Technologies: *React.js, Next.js, Redux, Node.js, Sass, Python*.

• ImaginaKIDS (Founder & Lead Developer) | 2017 - 2022
ImaginaKIDS is an EdTech startup which provides tools for students to create their own books. Those stories can be distributed as ebooks or can be printed. Our startup has improved the reading and writing skills of 7k+ students and 100+ teachers. More than 150k pages were created using our platform. I worked as a Lead Developer, building an impactful experience on our web and mobile platforms using *React.js, React Native, Redux, Firebase and Flutter*.

• Federal University of Maranhão - UFMA (Web Developer) | 2004 - 2006
I have worked at the UFMA's Information Technology Center as a Systems Analyst and Web Developer, supporting the university's website and other web systems. Technologies: *PHP and J2EE (JSP/Servlets/JSF/JPA)*.

• Foundation of Research Support of the State of Maranhao - Fapema (Web Developer) | 2003 - 2005
At Fapema, I have worked as a web developer, implementing and maintaining the Fapema's website and a web information management information system. Technologies: *PHP and MySQL*.

As Professor, Researcher and Tech Lead

• Federal University of Maranhão - UFMA (Professor, Researcher and Project Manager) | 2016 - Present
• Federal Institute of Technology of Maranhão - IFMA (Professor, Researcher and Project Manager) | 2006 - 2016
At UFMA and IFMA I have contributed to the formation of hundreds of students, teaching in undergraduate and post-graduate Computer Science courses, teaching in both basic courses, such as "Algorithms and Data Structures" and "Object Oriented Programming", and also in technical courses, such as "Development of Mobile Applications" and "Distributed Systems".
Additionally, I have acted as manager, supervisor and consultant on dozens of Research, Development & Innovation software projects, using different technologies, such as: *React.js, Redux, Flutter, Node.js, Express, MySQL, Firebase, Strapi, WebSocket, Socket.io, REST, RabbitMQ, gRPC, MQTT and Cloud Computing*.

EDUCATION

Ph.D. in Electrical Engineering
Main Area: Information Processing
Federal University of Campina Grande (UFCG) | 2013

M.Sc. in Electrical Engineering
Main Area: Computer Science
Federal University of Maranhão (UFMA) | 2006

B.Sc. in Computer Science
Federal University of Maranhão (UFMA) | 2003

SKILLS AND TOOLS

- HTML/CSS/Javascript
- React.js
- Next.js
- React Native
- Native Modules
- Redux / Thunk / Toolkit
- Typescript
- Node.js
- Express.js
- MongoDB
- Jest
- Google Cloud Platform
- Amazon AWS
- PostgreSQL
- Redis
- RabbitMQ
- Docker
- Firebase
- Python
- Flutter