



# Leonardo de Oliveira Brandt

FULL STACK DEVELOPER

+47 90 406 736    Grønnestølslien 2, 5073, BERGEN    leoobrandt@hotmail.com  
leobrandt.vercel.app    github.com/Braandt    linkedin.com/in/brandt1

## SUMMARY

As a full-stack developer with a background in Mechanical Engineering and graphic design, I bring a unique blend of skills to the table. I have a deep proficiency in JavaScript, React, and CSS frameworks, and I have used WebGL with three.js to create immersive web experiences. Additionally, I possess technical knowledge in 3D modeling, prototyping, drawing, and simulating mechanical components. Some of my achievements include developing landing pages for companies and 3D demonstrations of their products. I am an enthusiast of Artificial intelligence, machine learning, and data science, and I am always eager to learn more. I am actively seeking new opportunities in web development where I can contribute my skills and experience to create innovative user experiences and bring positive impacts to the company and the world.

## EXPERIENCE

### Freelancer full stack developer

2022 - present

As a dedicated and growth-oriented full-stack developer, I have gained valuable experience over the past years in crafting compelling landing pages for companies while also delving into the exciting realm of 3D experiences within web applications. Every day, I am committed to expanding my skill set and knowledge, constantly learning and implementing new techniques to enhance user interfaces and create immersive user experiences.

### Trainee Mechanical Engineer

Bosch GmbH

2022 - 2023

As a trainee at Bosch do Brazil, I was working on developing an innovative product for a new line of products at the company. I was part of a team of mechanical and electrical engineers, designing, simulating, and testing the prototypes under the agile management system. I learned a lot about product development, project management, and teamwork. It was a great experience having to learn how a multinational company such as Bosch works.

### Intern Mechanical Designer

Ausi do Brasil Ltda

2020 - 2022

As a mechanical engineering student and newly graduated, I worked at Ausi as a mechanical designer, helping a team of engineers design and deliver conveyor belts for an automotive assembly line. I learned many hard and soft skills, such as CAD design, prototyping, project development, and leadership.

## PROJECTS

### Business webpage

Inclua - Recursos Educacionais

2020 - 2021

Webpage developed for a passionate Brazilian company specializing in Universal Design methodology. Created an engaging and visually captivating website to showcase innovative products and solutions for inclusive learning. Empowered individuals with and without disabilities to access equal educational opportunities.

HTML    CSS    JavaScript    React    Next.js

### Interactive periodic table presentation

Inclua - Recursos Educacionais

2021 - 2022

An immersive and interactive web experience to showcase a product in 3D. By utilizing cutting-edge technologies and user interactivity, I crafted a visually engaging representation of the product, allowing users to explore its features and capabilities from every angle. Through iterative refinement and collaboration with cross-functional teams, the resulting web experience effectively captured the product's unique value proposition, attracting potential customers and fostering a deeper understanding of its potential. My contribution demonstrated proficiency in leveraging advanced technologies to deliver impactful and captivating web experiences.

JavaScript    React    WebGL    Three.js    Next.js

## EDUCATION

### Specialization in Data Science

Federal University of Technology - Paraná

2022 - present

### Mechanical Engineer

Federal University of Technology - Paraná

2016 - 2021

## TECH STACK

Html    CSS    Javascript    C    Python  
MongoDB    R    React    Threejs    Nextjs  
Redux    RestAPI    Tailwind    Excel    PowerBI  
CAD    SolidWorks    Blender

## LANGUAGES

Portuguese  
NATIVE  
English  
BILINGUAL  
Spanish  
ADVANCED  
German  
BASIC  
Norwegian  
BEGINNER

## TRAINING | COURSES | CERTIFICATES

Three.js Journey  
Bruno Simon  
Responsive Web Design  
freecodecamp  
Advanced React  
Scrimba  
Python for Machine Learning & Data Science  
Pierian Training  
Supervised Machine Learning: Regression and C...  
DeepLearning.AI  
Graphic Design  
CETESC

## PATENTS

TABELA PERIÓDICA UNIVERSAL INCLUSIVA E IN...  
BR BR 10 2021 013683 9  
BLOCOS EM DESENHO UNIVERSAL PARA APRE...  
BR BR 10 2020 022931 1

## Engine Block Gripper for Robotic Arm


Ausi do Brasil Ltda

 2020 - 2022

I developed an innovative project involving the design, simulation, and validation of an engine block gripper that seamlessly integrates with a robotic arm. Leveraging my CAD design expertise, I meticulously crafted a detailed project plan, produced technical drawings, and collaborated closely with the robotic arm team to ensure compatibility. The gripper was rigorously tested through computer simulations and real-life trials to validate its performance in securely and precisely handling engine blocks. This project showcases my proficiency in CAD design, project management, and collaboration, resulting in a state-of-the-art gripper that significantly enhances automation and efficiency in assembly processes within the manufacturing industry.

SolidWords

## E-Table

 2020 - 2022

I played a role in designing, developing, and prototyping an innovative product aimed at high school students learning chemistry. The product, an interactive and playable tool centered around the periodic table, was carefully crafted to engage and educate students with and without disabilities. Through technical expertise and dedication to inclusivity, I contributed to the creation of a tangible solution that bridged traditional learning with interactive elements, fostering a deeper understanding of chemistry principles. This project showcased my ability to drive innovation, collaborate effectively, and create impactful educational tools.

SolidWords

Arduino

3D Printing

P&D