

**Vinicius Larsen Santos**

**Software Engineer**

**Rio de Janeiro, RJ**

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## About Me

I am a Software Engineer passionate about developing efficient, user-centric applications and solving complex challenges with cutting-edge technology. I specialize in front-end and back-end development, data science, and artificial intelligence, leveraging my technical skills and dedication to create impactful solutions.

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## Professional Experience

### Freelance Software Engineer

**Jun 2023 – Present**

- Built a responsive website for an Italian football team using React and atomic design principles, ensuring a seamless user experience.
- Conducted performance optimization and cross-browser compatibility testing to enhance usability.
- Designed and integrated reusable components to support scalability and maintainability.

### Academic Projects – Full-Stack Development

**2022 – 2023**

- Created web applications using Angular, incorporating scalable architecture and intuitive UX design.
- Collaborated with multidisciplinary teams to develop visually appealing layouts aligned with project goals.
- Delivered projects that merged functionality with aesthetics, focusing on user engagement and performance.

### Data Science and AI Solutions

**2023 – Present**

- Developed machine learning models to extract insights from large datasets, employing Python, Pandas, and Matplotlib.
  - Automated data pipelines for efficient analysis and visualization.
  - Designed interactive dashboards and reports to support decision-making processes.
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## Technical Skills

- **Programming Languages:** JavaScript, TypeScript, Python, HTML, CSS, Java, C++
  - **Frameworks, DB:** Django, React, Laravel, Flask, PostgreSQL, MySQL, MongoDB
  - **Tools:** Git, Figma, Pandas, Matplotlib, Postman, Docker, SQL, PowerBI, Tensorflow
  - **Specialties:** Responsive Design, UX/UI, Machine Learning, Data Analysis, Front-End & Back-End Integration
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## Education

**Bachelor of Computer Engineering**  
**Universidade Veiga de Almeida**

Expected Graduation: December 2027

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## Languages

- Portuguese: Native
  - English: Fluent
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## Portfolio Highlights

- **Website for Italian Football Team:** Developed using React, focusing on modern design patterns and responsiveness.
  - **Django Academic Projects:** Delivered web applications featuring scalable architecture and user-friendly interfaces.
  - **AI and Data Analysis Pipelines:** Created automated processes and insightful visualizations for large datasets.
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## Why Work With Me?

I bring a unique blend of creativity, technical expertise, and a passion for solving real-world problems through technology. My commitment to learning and delivering exceptional results makes me a valuable addition to any project or team.