Igor Henrique da Silva Andrade

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EXPERIENCE

- **Wipro ➜ wipro.com** — Remote - São Paulo, BR
  Software Engineering -HPx Project — *Jan 2025 - present*
  - Enhancing microfrontends and legacy code by implementing new features and fixing bugs in React, while styling components using Styled Components and Sass.
  - Implemented new features in JavaScript applications leveraging API-based architecture.

- **Ocarina Studios ➜ ocarinastudios.com** — Remote - Vancouver, CA
  Software Engineering — *Dec 2023 - Dec 2024*
  - Translated Figma designs into responsive UI components, enhancing internal tools and the company landing page with TypeScript and ReactJS.
  - Migrated the company website from ReactJS to NextJS, utilizing Server Side Rendering components.
  - Implemented Redux to manage shared properties across multiple components of the internal tool.
  - Applied SEO strategies, achieving a perfect score of 100 on Google PageSpeed Insights.
  - Integrated AWS S3 with CloudFront for efficient image hosting and Facebook Pixel on the company website for event tracking and marketing analytics.
  - Maintained Google Analytics integration on the company website, tracking page access and user interaction events.
  - Created Python scripts with Selenium for web scraping, collecting over 200,000 relevant data records from the web. The scripts were automated to navigate the web and collect as much data as possible.
  - Developed Python scripts with RegEx and AWS SDK (Boto3) to handle text preprocessing—filtering, tokenizing, and sorting—for LLM models, while connecting to S3 buckets for better data management.
  - Developed Python scripts to read MongoDB collections and process JSON/CSV files, implementing data transformations, attribute adjustments, insertions, and filtering for streamlined data processing.
  - Developed and optimized backend features in C# with .NET, enhancing CRUD API services for improved functionality and performance.
  - Implemented and maintained unit tests in C# to ensure code quality and support robust, error-free application performance.

- **Plundervolt ➜ Plundervolt Linkedin** — Remote - Curitiba, BRA
  Front End Developer — *Aug 2023 - Dec 2023*
  - Developed landing pages using ReactJS, JavaScript, TypeScript, CSS, and Tailwind CSS.
  - Integrated applications with REST APIs using Axios.
  - Used Git for version control and collaboration on GitHub projects.
  - Participated in the full application development lifecycle, from planning and design to implementation and maintenance.
  - Studied and applied SOLID principles and clean code methodologies.
  - Had advanced courses to learn data structures such as hashmaps, hashsets, binary trees, queues, and stacks.

- **Smart Energia ➜ smartenergia.com.br** — Curitiba, BRA
  Sales Manager — *Oct 2021 - Jun 2023*
  - Delivered over 500 strategic presentations on the Free Energy Market and energy management, along with 1,000 relationship presentations to showcase results and negotiate new strategies.
  - Led detailed energy consumption analyses for over 400 clients and 1,000 consumer units, covering hourly consumption, demand management, reactive energy, load factor, tariff profile, flexibility, seasonality, and energy type.
  - Conducted technical and financial feasibility studies for migration to the Free Energy Market, ensuring compliance with CCEE regulations and tracking deadlines.
  - Conducted in service scope and pricing negotiations with clients, as well as energy product negotiations with suppliers.
  - Provided training for clients on energy management and Free Energy Market operations, and trained the internal team to improve service quality.
  - Managed and mentored a team of five sales engineers, driving performance and growth.

Education

- **Post degree in Data Science and Artificial Intelligence** — Remote
  UNINTER Centro Universitário Internacional — *Nov 2024 – May 2025*

- **Post degree in Computer Engineering** — Remote
  UNINTER Centro Universitário Internacional — *Oct 2024 – Apr 2025*

- **Bachelor's degree in Electrical Engineering** — Curitiba, BR
  Universidade Tecnológica Federal do Paraná — *Jan 2016 – Dec 2022*
    - Final project: Study of the impact of the distributed generation on the active power losses of the distribution system

- **Techinical High School diploma in Computing** — Campo Mourão, BR
  Universidade Tecnológica Federal do Paraná — *Jan 2012 – Dec. 2015*

Programming Skills

- **Languages:** JavaScript, TypeScript, Python, C#, R

- **Technologies:** React, NextJs, Tailwind CSS, Styled Components, Docker, BigQuery, Sckit-learn, Matplotlib, Node.JS, AWS, .NET

- **Data:** MongoDB, SQL, Pandas

Other skills and experience

- Speaks Portuguese and English fluently, basic Spanish.

- Has logical and critical thinking, which derives from having a strategic and calm nature.

- Enjoy outdoor activities such as riding in the mountains and on the beach, as well as spending quality time with family