

# ALVARO AUGUSTO FERNANDES

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## CAREER SUMMARY

Dynamic and innovative Full Stack Developer with a proven track record translating complex design concepts into seamless, user-centric interfaces. Adept at utilising cutting-edge technologies such as Express, NodeJS, PHP, Python and .Net for backend development and frontend implementation with proficiency in HTML, CSS, JavaScript, React and Next.JS with a keen eye for detail, and a commitment to writing clean, maintainable code. Also, I have experience with databases such as MongoDB, SQL, MySQL and PostgreSQL. Passionate about crafting responsive and engaging user experiences, ensuring optimal performance across various browsers and devices, well-versed in database management, encompassing SQL and NoSQL databases. Expert in bringing a comprehensive skill set capable of designing and implementing end-to-end solutions that meet business requirements and exceed user expectations. Eager to stay abreast of emerging technologies and industry best practices, prepared to bring a holistic approach to development within a dynamic and growth-oriented team.

## CORE COMPETENCIES

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| <ul style="list-style-type: none"><li>• Front-End Frameworks</li><li>• Version Control Systems</li><li>• Security Awareness</li><li>• Responsive Design Focus</li><li>• Adaptability and Innovation</li><li>• Cross-Browser Compatibility</li><li>• Regulatory Compliance</li><li>• Cross-functional Collaboration</li></ul> | <ul style="list-style-type: none"><li>• Testing and Debugging</li><li>• Performance Optimisation</li><li>• Responsive Web Design</li><li>• Version Control/Git</li><li>• Web Performance Optimisation</li><li>• Build Tools and Task Runners</li><li>• User-Centric Approach</li><li>• Agile Methodologies</li></ul> | <ul style="list-style-type: none"><li>• Documentation Proficiency</li><li>• User Experience (UX) Design</li><li>• Web Accessibility (WCAG)</li><li>• Code Quality and Best Practices</li><li>• Continuous Integration/Continuous Deployment (CI/CD)</li></ul> |
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**Technical Skills:** REACT, NEXT.JS, NodeJS, HTML/CSS, JavaScript, Salesforce, SAP, API Integration, CSS Pre-processors, Python, .Net, Express, PHP, Power Query, and Excel

## PERFORMANCE HIGHLIGHTS

- **Revolutionised User Experiences:** Adept at spearheading the redesign of crucial frontend interfaces using React, resulting in improved user engagement and a significant increase in overall customer satisfaction.
- **Efficient Cross-Functional Collaboration:** Ability to play a pivotal role in cross-functional teams, collaborating seamlessly with designers and backend developers, reducing project timelines, and enhancing communication efficiency.
- **Scalable Solutions Implementation:** Skilled in engineering and implementing scalable backend solutions using Node.js and Express, improving system performance and response times.
- **Optimised Codebase for Performance:** Excelled in successfully optimising codebase, improving website loading times, and reducing bounce rates, resulting in a more responsive and user-friendly application.
- **Streamlined Development Processes:** Proven expertise in introducing and implementing agile methodologies, resulting in a notable increase in development speed, improved project transparency, and quicker adaptation to changing requirements.

## PROFESSIONAL EXPERIENCE

### FULL-STACK DEVELOPER (FREELANCER)

Sydney | July 2023 – currently

- Developing scheduling and staff management software using the MERN stack (MongoDB, Express, React.js, Node.js).
- Designed and maintained the Focus Cleaning Sydney website, ensuring optimal performance and user experience.

### BUSINESS OPERATIONS ANALYST (CONTRACT)

Cisco, Sydney | January 2023 – July 2023

- Expertly designed and executed weekly and monthly reports, synthesising data from multiple sources, which led to significant improvements in reporting accuracy and a noticeable increase in time efficiency.
- Innovatively updated Python scripts to streamline data extraction from Tableau, automating the import process into Excel spreadsheets. This automation substantially reduced manual data handling, enhancing data reliability.
- Conducted comprehensive analyses of the sales pipeline, bookings, metrics, and forecasting data, providing critical insights that contributed to increased sales efficiency and improved forecast accuracy.
- Led the implementation of new versions of monthly reports using Python, Power Query, and Excel, significantly reduced report generation time and notably enhanced the depth of analytical insights.
- Provided dedicated support to segment leaders by generating additional reports using Salesforce and SAP, thereby improving decision-making efficiency and enhancing the granularity of segment-specific strategies.

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## **JUNIOR DEVELOPER AND IT ASSISTANT**

### **Black Lab Design - Sydney | July 2022 – November 2022**

- Spearheaded the development of a MERN stack application tailored for digital signage content and device management, significantly enhancing content control and operational efficiency.
- Successfully updated Python scripts to automate data extraction from a web app, streamlining the import process into Google Sheets.
- Provided expert IT assistance, encompassing support for various devices, including PCs, MacBooks, and mobile devices, to maintain seamless daily operations and ensure optimal device performance.

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## **DOOR AND WINDOW TECHNICIAN**

### **Easy Glide Door and Rollers | May 2016 – July 2022**

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## **FRONT-END DEVELOPER**

### **X-GEN (Web Business Technology LTDA), Sao Paulo, Brazil | April 2014 – May 2016**

- Played a pivotal role in developing and maintaining critical modules on the company's product, significantly contributing to its continuous improvement and functionality enhancement.
- Proactively addressed client requirements and resolved production environment issues, improving client satisfaction and a more stable product performance.
- Instrumental in assisting with redesigning the institution's website, resulting in a more modern, user-friendly interface and improved user engagement.
- Updated wireframes, developed new web pages, and diligently ensured website uptime, enhancing overall site performance and user experience.
- Collaborated effectively with OI, a prominent telecommunications company, on an innovative e-commerce portal project, contributing to its successful launch and positive market reception.
- Demonstrated expertise in front-end development, utilising a wide range of technologies, including HTML, CSS, jQuery, JavaScript, .NET, and MySQL, leading to the creation of dynamic, responsive, and visually appealing web interfaces.

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## **IT ANALYST**

### **EMC, Sao Paulo, Brazil | September 2012 – April 2014**

- Successfully managed a portfolio of two distinct clients, spearheading data reporting from EMC's storage systems, which played a crucial role in enhancing client understanding of storage utilisation and performance.
- Led a project developed using PHP, HTML, CSS, jQuery, JavaScript, and MySQL to collect data from EMC storage units efficiently. This initiative significantly streamlined report generation for the EMC leader assigned to TIM, enhancing decision-making efficiency.

- Took charge of developing and maintaining daily reports, focusing on improving EMC storage's capacity planning and management.
- Implemented and maintained adequate and efficient controls and standards, ensuring the seamless implementation of changes and maintaining high IT governance and compliance standards.
- Excelled in developing, testing, version-controlling, and deploying software releases across multiple internal development environments, minimising disruptions and maximising system stability.

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## **FRONT-END DEVELOPER**

### **X-GEN (Web Business Technology LTDA) – Sao Paulo, Brazil | January 2012 – September 2012**

- Developed and maintained critical modules for the company's flagship product, significantly enhancing its functionality and user experience.
- Played a vital role in successfully redesigning the institution's website, resulting in a more intuitive, engaging, and user-friendly online presence.
- Updated wireframes, developed new web pages, and rigorously ensured website uptime, thereby maintaining high standards of web performance and accessibility.
- Collaborated with OI, a leading telecommunications company, in developing an e-commerce portal, contributing to an enhanced digital shopping experience and broadening market reach.
- Demonstrated extensive expertise in front-end technologies, including HTML, CSS, jQuery, JavaScript, .NET, and MySQL, leading to creating dynamic and responsive web interfaces.

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## **FRONT-END DEVELOPER**

### **Allied Advanced Technologies, Sao Paulo, Brazil | January 2011 – December 2011**

- Spearheaded the maintenance and development of an e-commerce portal in partnership with a leading telecommunications company, OI, significantly enhancing online business operations and user experience.
- Developed a project to resolve the logistical challenge of OI not having the agreed-upon mobile phones for business clients, thereby streamlining their inventory management and customer service.
- Led the front-end development of the application using HTML, CSS, jQuery, JavaScript, .NET, and MySQL, ensuring seamless integration and a highly responsive user interface.
- Collected crucial data for the third-party company responsible for the application's back-end development and hosting, facilitating a cohesive and streamlined development process.
- Conducted comprehensive training for OI partners on application usage, which was pivotal in the project's successful completion within a year, demonstrating exceptional project management and training skills.

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## **FRONT-END DEVELOPER**

### **Inso Technology Information System, Sao Paulo, Brazil | June 2008 – December 2009**

- Developed a comprehensive application tailored for managing legal files, significantly enhancing the efficiency and organisation of legal documentation processes.

- Expertly maintained and upgraded a critical website, developing robust modules using HTML, JavaScript, and CSS, leading to a more intuitive and efficient user experience.

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#### **JUNIOR FRONT-END DEVELOPER (INTERNSHIP)**

**Universidade Anhembi Morumbi - Sao Paulo, Brazil | January 2006 – May 2008**

- Proactively monitored and maintained multiple computer labs, ensuring optimal functionality and availability of resources for users.
- Demonstrated technical proficiency in installing various operating systems and software and administering the network.

### **EDUCATION**

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#### **IBM FULL STACK SOFTWARE DEVELOPER PROFESSIONAL CERTIFICATE**

**Coursera.org – Online | In view**

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#### **FULL STACK DEVELOPER CERTIFICATE**

**The University of Sydney, Sydney, Australia | April 2020 – Oct 2020**

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#### **MASTER OF BUSINESS AND PROJECT MANAGER**

**Asia Pacific International College (APIC), Sydney, Australia | January 2017 – December 2018**

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#### **BACHELORS IN DIGITAL DESIGN**

**Anhembi Morumbi University – Sao Paulo, Brazil | January 2005 – December 2010**

### **TRAININGS AND CERTIFICATIONS**

- **Unified Modelling Language (UML)**
- **Visual Programming Logic**
- **SQL 2005**
- **Java Programmer – Module I**
- **Java Programmer – Module II**