

# Iwá Nunes Duarte

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## Skills:

### As Developer:

- *Web Development:*
  - Backend:**
    - { Cloud - AWS Services – AWS Lambda, AWS RDS, Elastic Cloud Computing (EC2), Simple Storage Service (S3), API Gateway, Route53, SQS, Cloud Watch Events
    - { JavaScript – Node.js/Express.js(ecosystem), Sequelize (ORM)
  - Frontend:**
    - { JavaScript – React, Handlebars.js (template engine), jQuery
    - { HTML5, CSS3 (Bootstrap)
  - DevOps:**
    - { JavaScript – automated test (unity, integration test) – Mocha.js, Chai.js
    - { Continuous Integration - Bitbucket Pipelines & Deployment (uses Docker)
- **Microcontrollers:**
  - { C (Programing Arduino and PIC mostly)
- **Languages exposures:**
  - { PHP – (XAMPP stack, CakePHP one time MVC project)
  - { Java Desktop applications for personal use, Android application for personal use

## Work Experience:

### DNX Solutions – Full Stack Developer – 2019

- τ Full Stack Developer Consultant for 2stay – Creation of an application using React, GraphQL (AppSync/Apollo) and Amplify for rapid development/delivery.
- τ Full Stack Developer Consultant for Laava – Created an application using React and AWS Lambdas with SQS, Cloud Watch Events, API Gateway, Express and RDS PostgreSQL.

### Kiddsbay – Full Stack Developer – 2018 - 2019

- τ Created a Serverless application using AWS Lambda with API Gateway (AWS Services) and express.js (Node.js) on the backend with Sequelize ORM and RDS MariaDB.

- τ Server-side rendering approach using a template engine called Handlebars.js, jQuery and CSS for user interaction (UI) and ajax requests.
- τ Created a separated EC2 instance behind a Cloud Formation (AWS) to handle a WordPress blog project. Using AWS (Serverless Lambda, EC2, RDS), Javascript (Node/Express.js, Handlebars, Sequelize)

### **Freelancer at freelancer.com (Developer & Support) – 2015 – 2016**

- τ Tested my skills in different areas. Main applications were:
- τ Developed a Node.js application to monitor an Arduino microcontroller and pressure sensors. (using JavaScript, d3.js, C, JS)
- τ Developed a platform for children with special needs using XAMPP stack and CakePHP framework.
- τ Developed a simple webRTC client to be used in conjunction with SIP architecture. (JavaScript, CSS, HTML mainly)
- τ Received the best rates and reviews possible.
- τ profile: <https://www.freelancer.com.au/u/iwaduarte>

### **Xerox Corporation – IT Intern – 2014 (less than one year)**

- τ Learned and improved knowledge about Network Systems by doing CISCO switches reconfiguration and maintenance.
- τ Implemented an infrastructure monitor using Nagios.
- τ Technical support.

### **Soll Oil Distributor – IT Intern – 2013 (less than one year)**

- τ Managed and configure a Windows Server environment.
- τ Developed a WordPress website using the XAMPP stack (Linux server, Apache, MySQL and PHP).
- τ Technical Support to others non-technical employees in several aspects (i.e. setup accounts, error solving).

### **GOL Airlines – Airport Agent – 2008 – 2010**

- τ Helping boarding passengers.
- τ Issue tickets, check available seats, give information regarding flight schedules. (Check in).
- τ Sell tickets (Sales department).
- τ Assistance to the general public.

### **Education:**

- Bachelor Engineering (Computer Engineering) (2015) - University Salvador Laureate (UNIFACS)

### **Academic Experience:**

- ACC (Advanced Computers) – Integral 2004 – 2005  
Early project in high school related to robotics

- ARHTE Project – Engineering project to put in practice engineer skills by build and designing UNIFACS 2009 – 2012-  
<http://www.arhte.unifacs.br/>
- TA (Logic Programming)

**Professional interests and career objectives:**

- Actively contribute to the development of the company making every possible effort to accomplish the company's goals also developing a solid career.
- Gain more experience and more professional maturity

**Personal References:**

- Camila Martinez - Phone: +61416781912
- Adriana (Be Ozzy) - Phone: +61426588826