

diogogomes

Software Developer

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🔗 <https://diogo.gomes.xyz>

🌐 <https://github.com/graphnode>

experience

01/2017 – Now **Axians**

Senior Automation, Tools and Support Developer

- Developed wallboards using Grafana.
- Implemented data collectors in Node.js
- Implemented automation flows in HP Operations Orchestrator.
- Experimented with ESB using WSO2.
- Scripts and Utilities in Node.js to manage automation tools.
- Managing git repositories for automation team.

04/2016 – 12/2016 **Novabase**

Automation, Tools and Support Developer

- Developed wallboards using Smashing and Ruby.
- Integrated it with multiple applications like Office 365, Sql Server, HPOO, BAO ServiceNow.
- Created a Skype bot to connect between automation system and client.
- Developed for ServiceNow
- Client Portal in ServiceNow using Javascript, Angular and Bootstrap.
- SOAP and REST web services using Javascript.
- Implemented automation flows in HP Operations Orchestrator.
- Implemented business code in Javascript.
- Implemented automation flows in BMC Atrium Orchestrator.
- Implemented a new Java plugin to run Javascript code in flows.
- Used XSLT and XPath for templating and logic code.
- Scripts and Utilities in Node.js to manage automation tools.
- Managing git repositories for automation team.

02/2016 – 04/2016 **Rumos**

Integration and Plugin Developer

- Developed plugins and integrations for CA Business Service Insight.
- Implemented output formatters for Office files in C# using OOXML.

2010 – 02/2016 **FlowOptions**

Business Solutions Developer

- Development of the back end and front end of public websites from design templates
- <http://www.lneg.pt/> e <http://www.ces.pt/>
- Integration with the Portuguese Citezen Card authentication system.
- Refactoring an internal CMS to use updated technologies.
- Developed a small issues/tickets application from scratch in ASP.NET.
- Integrations with Remedy BMC: Ported C++ plugins into Java. Updated obsolete plugins for new versions.
- Developed middleware for Oracle Identity Management in Java.
- Basic management of internal servers (IIS & SQL Server) and Microsoft Azure.
- Used Node.js to make utility scripts to export and manage data.

2010 **FlowOptions**

Vocational Course Internship

- Added features and did maintenance for a proprietary ASP.NET C# CMS.
- Created a temporary landing page for client.
- Fixed security failure in the public website.

2008 **LourInfor**

High School Internship

- Development of a simple PHP website with a MySQL database.
- Configuration and deployment of the website in an Apache server.

education

2008 – 2009 **Software Developer Vocational Course** (Citeforma)

Programming in multiple languages; Databases; Project Management; Operating Systems; Hardware installation and maintenance.

– 2007 **12º Year** (Escola Madeira Torres)

Finished compulsory education (Course of Science and Technology).

competencies

Web

Experience in the development of **Single Page Applications** using the the Angular.js framework, online interactive tools and the user of new technologies like **WebSockets**, **WebGL** and **WebRTC**.

Implementation of **REST** services (**Node.js** and **ASP.NET WebAPI**), public websites using the MVC architecture (**ASP.NET MVC**).

Deep knowledge in using transpilers like **LESS** and **SASS/SCSS** for CSS and **Typescript** for Javascript.

Capable to using **mocha** and additional libraries for unit testing, continuous integration using **travis-ci** and other tools for code coverage.

Basic knowledge in using **Webpack** and some knowledge in using **Gulp**.

Desktop

Knowledge in the development of (or porting of web apps to) desktop applications using web technology using tools like **NW.js** and **Electron**.

Experience developing applications in **C#** and **WinForms**.

Mobile

Made prototypes with web technology using the **Adobe PhoneGap** framework.

Basic knowledge in the development of mobile applications for **Android** using **Java**.

Development Workflows

A lot of experience using versioning control **Git** making some collaboration with open source on **Github**.

Personal use of **TDD** methodology and participated in **SCRUM** at work.

Basic knowledge of TFS and SVN.

IOT

Experimented with Node-RED and REST and developed code for **ESP8266** and **Arduino**.

Machine Learning & AI

Experimented with TensorFlow.js and ML.NET.

Databases

Experience in **SQL** and database management in **Microsoft SQL Server** and **MySQL/MariaDB**.

Implemented application that use **NoSQL** servers like **MongoDB**, **RethinkDB** and **CouchDB**.

Operating Systems

Server management in **Linux** (preferentially Debian/Ubuntu), **Docker** and basic knowledge of ZFS.

Mostly uses Microsoft **Windows** for day-to-day development and is capable of basic management of **Windows Servers** with IIS.

Miscellaneous

Years of experience in using **Visual Studio**.

Deep experience in using editors like **VSCode**, **Atom**, **Brackets** and **Eclipse** for Java development.

Some knowledge in Unity3D development.