Ismael Velasco
Software Developer

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SUMMARY

- **Full-stack developer** (LAMP/Node) with beyond-coding skills in **scrum** (CSM), **project management** and **design thinking**
- Currently employed as Back End Developer at **Susbtrakt,** the leading agency building online platforms for major theatres in UK and worldwide, using **PHP 7.3, JS, WordPress, Heroku, Docker, AWS, API integrations,** in a **TDD** approach.
- Previously contracted as Software Developer at *Innovecom* (**Laravel/AngularJS**); *Kinderly* (**PHP/SQL/Vue**); *JustAnswer* (**ChatScript** - collaborating directly with **the world's top expert on rule-based chatbots**); *Troo.ai*, using **Natural Language Processing** to develop a life-coaching chatbot for **Telefonica**.
- Trained in software development at Mayden Academy (2017)

SKILLS PROFILE

Programming

- **PHP 7**, PSR 2/12, with a little **Laravel, Slim, WordPress**
- **JavaScript** (ES5 and ES6), with a little **Node, Angular, Vue**
- **Chatbot** programming using Lobener-winning **ChatScript** scripting language**,** some **Dialogflow** .
- **HTML5** and **CSS3** (with Twig, Bootstrap and a little Sass, Handlebars)
- **MySql,** a little **Mongo**, keen on learning **Neo4j**
- **REST** api, **OOP**, some **design patterns**
- **Tooling:** Git (inc Github, Gitlab and BitBucket), PHPStorm/VSCode/Sublime, PHPUnit/Jest, SequelPro/DataGrip, XAMPP, Valet, Jira. Bash, Docker, Gulp, Babel, AWS (EC2, Aurora, S3), Heroku, Browser Stack, VirtualBox, static analysis.
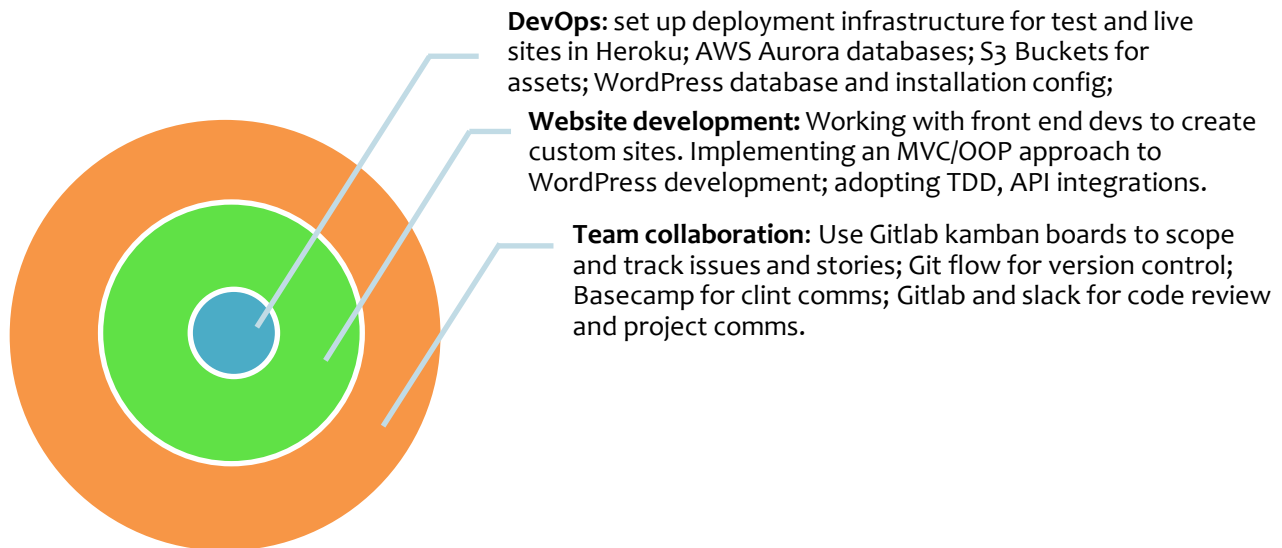
Plus

- Agile champion (**Certified Scrum Master**)
- 25 years' team-work and project experience: **worked in 150+ teams on c.400 projects**
- Team facilitation, mentoring, training and conflict resolution
- Design-thinking, evaluation and research methodologies
- Storytelling, blogging, public speaking, academic writing
- Languages: **Fluent** English Spanish & French. **Intermediate** Italian & Portuguese. **Elementary** Persian, Arabic, Greenlandic

PROGRAMMING EXPERIENCE

Substrakt- *PHP Back End Developer*

July 2018 – Present

Developing the back end to major websites for leading UK and international theatres.

DevOps: set up deployment infrastructure for test and live sites in Heroku; AWS Aurora databases; S3 Buckets for assets; WordPress database and installation config;

Website development: Working with front end devs to create custom sites. Implementing an MVC/OOP approach to WordPress development; adopting TDD, API integrations.

Team collaboration: Use Gitlab kamban boards to scope and track issues and stories; Git flow for version control; Basecamp for clint comms; Gitlab and slack for code review and project comms.

Innovecom - *Full Stack Developer*

May 2019 – July 2019

6 week contract providing added capacity to third party development team to increase velocity and code quality on an Angular/Laravel app. Responsible for new functionality and introducing unit and integration tests to existing codebase; refactoring, debugging and advising on process .

Kinderly - *Full Stack Developer/Agile Coach*

June 2018 – April 2019

One of two developers in team. Refactoring prototype code (notifications, sql queries, views, apis, email, dashboard, models, forms) and new functionalities (Payment status permissions and views using Stripe API; new email features; form data entry and displays; advance registration; etc.) to app currently used by 1000 nurseries and childminders. Introduced Jira, sprint planning, demos, retros, testing processes, microservices/API approach.

JustAnswer.com - *ChatScript Engineer*

Feb 2019 – May 2019

Working directly with Bruce Wilcox, creator of ChatScript and 4 times Loebner Prize winner, to adapt his ChatScript NLP logic and patterns into Spanish for multinational corporation JustAnswer.

Troo.ai - *Full Stack Developer/Scrum Master*

Feb 2018 – June 2018

Building a life-coaching chatbot for "moonshot" arm of Telefonica in a team of 4 software engineers and one tester. **Tasked with:** specifications, architecture, bug fixing, refactoring, regression testing, manual testing, code review, client liaison, content, recruitment.

PERSONAL PROJECTS

Personal Butler Chatbot
- Speech-powered: IOT, Home automation, weather, calendar, email, presentations, conversation
- ChatScript, HTML, CSS, PHP, JavaScript, Speech Api

Progressive Web Apps
- Presentation for PHP South West and Cardiff.JS
- Video available https://www.youtube.com/watch?v=xQe69hoAtNs

EDUCATION AND TRAINING

Mayden Academy, Aug-Dec 2017: *Full Stack Software Engineer Course* - 560 hours of intensive training in LAMP/scrum environment, plus 250 hours of home programming
Agilify, Sep 2017: *Certified Scrum Master*– with Paul Goddard, pioneer of Scrum in the UK
Rob Allen, Nov 2017: *MVC Frameworks* - 3 Day course delivered by one of the world's leading experts in PHP: MVC (routing, controllers, actions, views), design patterns, etc.
University of Edinburgh, 1993 - 1998 - *MA Hons, History.*

EMPLOYMENT HISTORY

Adora Foundation - *Founder*
November 2012 - July 2019

Founded a small social innovation foundation using tech for social impact. Created online behaviour change interventions, semantic analysis of big data, online social mobilisation and digital events. Contracted with UNESCO, Red Cross, Arctic Winter Games, Royal Society of Arts, etc; and recently with various software companies as described above.

University of Brighton - *Research Fellow*
2011 - 2016

Lead researcher in a values-based research programme involving 2000 individuals and 147 projects in 61 countries. Published papers in top-tier academic journals and facilitated and consulted on cultural change for dozens of organisations from investment firms to NGOs.

Social Action
1990 - 2011

Project manager/product owner, consultant, researcher, development worker, trustee, in dozens of organisations in the social action sphere, locally, nationally and internationally.

COMMUNITIES

Meetup: PHPSW, Tech For Good, PHP South Wales, Cardiff JS, IBM AI South West, ACCU
Online: Cardiff Dev, Reddit (Programming, WebDev), Quora, GitHub, Stack Overflow
Social Action: Founder, *Adora Foundation*; Chair, *Community House*; Facilitator, *Youth Empowerment Programme*