**Jetherson Arceo**

Filipino Programmer ∙ Front-end Web Developer

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**SKILLS** ∘ **KNOWLEDGE** ∘ **INTERESTS**

* Front-end Web Development
* JavaScript, Ajax, PWA
* jQuery, Vue.js, UX/UI
* CSS3, LESS, Sass
* ColdFusion, API
* PHP, C, C++, C#
* Visual Basic, VBA, VB.NET
* Three.js, SVG
* MS SQL, MySQL, MS Access
* Responsive, Mobile-ready
* Single-Page Apps
* Adobe Photoshop
* Adobe Photoshop Scripting
* Adobe Premiere & Audition
* Wowza, AMS, OBS
* IIS, Apache, Node.js
* NT and Linux Management
* Research and Development
* Photography

**ACCOMPLISHMENTS**

* Created editable web-based human-machine-interface for ships connected to PLC hardware with real-time data.
* Developed numerous online systems/applications/APIs from the ground up using HTML, CSS, Javascript, Coldfusion and MySQL for in-house and clients’ needs.
* Researched and developed programmable 3D animation using Javascript engine, and then afterwards deploying into production level.
* Researched and developed audio/video streaming acquired from FMLE and OBS through Wowza and Adobe Media Servers onto Flash-based, HTML5 and native players/clients.
* Created mobile-friendly websites integrating Boilerplate and Bootstrap front-end templates.
* Created mobile-ready web apps from the ground up using CSS3 and Javascript techniques.
* Researched and developed Node.js server installation and implementation including several Node.js packages using NPM.
* Researched and developed socket-based communication using Coldfusion on Tomcat/Apache web server.
* Developed numerous offline systems/applications from the ground up using Visual Basic.

**EMPLOYMENT HISTORY**

**March 2015 to present**

**Remote Front-end Web Developer**

**Kockumation Group AB (Marine and Industrial Applications Supplier, Malmö, Sweden)**

* Responsible mostly for the development of Human Machine Interfaces (HMIs) using web-based applications connected to serial devices developed by company’s in-house engineers
* Works with the Project Manager in assessing the development phases of multiple concurrent projects
* Initializes production and development alone using materials (existing server apps, simulators, graphics, etc.) provided by the Project Manager
* Used several (simultaneous, on some projects) socket-based technologies for realtime viewing and controlling of the vessel’s sensors and equipments
* Researched and developed browser-based 3D computer animations and representations for the HMIs
* Administers NT-based virtual machine for server management and sandbox testing environment

**July 2006 to February 2016**

**Senior Web Developer**

**Fuseworx, Inc. (Auction-Oriented Web Development Company, Philippines)**

* Assesses project scopes, phases and production with the Production Manager
* Initializes production and development itself together with developers and artists
* Guides testing, debugging and quality control along the production phase
* Administers, maintains and manages (remotely, if needed) all software and hardware properties of the company at the development site, production site, and web host
* Responsible for the development, creation, and maintenance of the company’s (including clients’) websites using HTML, Javascript, CSS and Coldfusion
* Developed the audio/video streaming part of the online auction system though Wowza Media Server

**March 2006 to June 2006**

**Systems Web Developer and Administrator**

**Commercial Roofing and Waterproofing Phils., Inc.**

**(RevaComm Subic) - Subic Bay Freeport Zone, Philippines**

* Develops company website using HTML, Javascript, CSS, PHP and MySQL
* Administers company network security, wireless router and DSL modem
* Manages several workstations with printers
* Develops, deploy and maintains web applications both for client and local needs

**August 2000 to March 2006**

**Senior Web Developer and Project Manager**

**Ashton Data Subic, Inc. (Realty-Oriented Web Development Company, Philippines)**

* Delegates tasks to developers, graphic artists, and updaters and holds daily progress meetings
* Responsible for the development, creation, and maintenance of the company's website, infrastructure, and initial systems - from the ground up
* Installation of the development server, and configuration of the application and database servers in the web host
* Securing of all systems both local and remote, including regular backups
* Provided all the IT-related needs of the company including support for all of its clients

**EDUCATION** ∘ **ACHIEVEMENTS**

**Computer Systems Design and Programming**

**Associate Degree**

AMA Computer Learning Center, Philippines

* TESDA National Open Skills Competition Contestant
* TESDA Regional Youth Skills Competition Gold Medalist
* TESDA Provincial Youth Skills Competition Gold Medalist
* AMA-CLC Special Awards and Academic Excellency