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