Christopher G. Bartek, Jr.
Full Stack Web Developer

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SUMMARY

Award-winning full stack developer, specializing in front end development, UI/UX design, responsive and mobile design, back end development, and server setup and maintenance.

EXPERIENCE

Availity, LLC   **05/2021 –**
Software Engineer   **Jacksonville, FL / Remote**
Web developer and UI/UX designer for fast-paced 1000+ employee healthcare technology company.

- Maintained existing JS and Java codebases for over a half dozen React.js + MobX projects.
- Developed and supported React frontend for internal "Treaty" product.
- Designed UI/UX for customer-facing frontend. Refactored ReactStrap/Bootstrap UI to Material UI.
- Migrated UI microservices from on-premises servers to AWS S3.
- Assisted other development teams with React concerns and troubleshooting.
- Assisted code triage team (SHIELD) with legacy Java, Angular, and jQuery application support.
- Testing/Debugging using jUnit, CucumberJS, Splunk.
- Assisted and trained coworkers on 508 compliance tasks using Level Access Assistant.
- Utilized CI/CD workflow using Git, NPM, Yarn, ESLint, Husky, Jenkins, Docker, and OpenShift.
- Migrated legacy Angular frontend to React from scratch.
- Collaborated with API, QA, DBA, and infosec teams to ensure safe and compliant implementations.
- Participated in Agile development process with daily standup and 2 week sprints.
- Utilized Jira, Bitbucket, Microsoft Teams, Zoom for team communication.
- Worked remotely due to COVID 19. Utilized VS Code on a provided MacBook Pro.
- Placed 2nd in companywide Secure Code Warrior Tournament (Frontend/React Competition).

Forbes Tate Partners   **05/2020 – 05/2021**
Full Stack Developer   **Washington, DC / Remote**
Client- and Government-facing web development for DC-based public affairs firm.

- Maintained dozens of WordPress and custom PHP-based sites for major brands and government agencies.
- Developed sites from scratch using Figma and InVision mockups.
- Utilized several frontend technologies including Vue.js , React, and ES6.
- Developed and maintained custom PHP 8, Laravel-based projects.
- Utilized Git, NPM, Local, Forge, GitLab, SSH, WPEngine, Pantheon, and other technologies in workflow.
- Collaborated via Slack, Teamwork, Teams, Zoom, and Google Docs on a MacBook Pro.
- Created scripts for WordPress database migration; successful migration of several sites.
- Assisted other developers with implementation concerns and WordPress-specific challenges.

Spectrio   **04/2018 – 05/2020**
Full Stack Developer   **Jacksonville, FL**
Internal and client-facing enterprise web development for a fast-growing 120+ employee technology company.

- Reported directly to CTO, worked alongside PHP and Java developers.
- Participated in R&D operations, reported to company co-founder / Chief Innovation Officer.
- Developed and supported ABN Studio! product using Laravel, Vue.js, Google Material Design.
- Designed UI/UX for customer-facing frontend. Implemented in Vue.js.
- Integrated with WeVideo API to allow users to generate their own video using system generated XML.
- Created SOC-capable HTML5 digital signage widgets including appointment board, weather, menuboard.
- Converted legacy Python frontends to HTML5 and Javascript to support MagicInfo CMS migration.
- Worked alongside production staff to make technical adjustments to video timelines.

- Collaborated with WeVideo developers to make additions and fixes to product codebase.
- Hosted weekly sprint meetings to demonstrate and discuss project status and feature additions.
- Refactored and extended an internal PHP class for Scala CMS API integration.
- Developed a DealerTrack SOAP connector/driver for corporate ESB administration system.
- Unit testing using PHPUnit in Laravel; test plan creation in TestRails.
- Utilization of Sentry and PaperTrail for debugging; Jira, Slack, Sharepoint for team communication.
- Assisted with SugarCRM API integration; internal Javascript and PHP consulting.

IBCCES, LLC.   09/2016 – 04/2018
Vice President, Technology   **Jacksonville, FL**
Provided vision and leadership for development and implementation of IT hardware and software initiatives.
- Developed a custom CRM in Javascript, PHP 7, and MySQL optimized for sorting through millions of leads.
- Developed a paid member learning community site for access to educational cognitive resources.
- Designed and Managed Cogtrium.org using Bootstrap and the Yii framework.
- Led the company effort to streamline web properties by converting to WordPress Multisite.
- Designed and developed AutismTravel.com, a responsive, Bootstrap, WordPress-based website.
- Designed and developed an internal and external digital signage solution using numerous APIs.
- Developed database scripts and queries for merging/de-duplicating lead data from a variety of sources.
- Provided live broadcasting support (ISCRD), managed live streaming services using Ustream and Polycom.
- Design and development of internal and external web communications and applications.
- Manage engineering, infrastructure, and application development projects for IBCCES.
- Managed development and analyst contractors using Asana and a custom-built data entry interface.
- Development and maintenance of the standard operating procedure for all IT functions and operations.
- Tracking and completion of support requests associated with business operations.
- Training and development of all company personnel on new technologies.
- Management of server room rackmount ethernet and telecom/internet equipment.
- Ensure the adherence of company design standards and technical practices.
- Video editing, page layout, and graphic design support.

Mac Papers, Inc.   11/2013 – 11/2016
Senior Web Developer   **Jacksonville, FL**
Full stack web developer for the largest paper and packaging distributor in the Southeast US.
- Worked alongside Digital Marketing and IT departments at global headquarters.
- Developed a secure corporate intranet with LDAP integration, allowing employees to access documents, view company news and events, and utilize role-specific, task-saving online tools.
- Developed a responsive, online e-commerce customer portal, for users to visually browse and order all company products (written in PHP 7, MS SQL, Javascript).
- Refactored an online IT project / issue tracking system.
- Created and maintained a library of custom-built marketing automation tools and scripts.
- Designed and developed an online content library for sales team training and reference.
- Created browser-based customer profile editor for sales team maintenance of Unisys mainframe data.
- Performed all necessary Windows Server setup (Apache, PHP, MySQL), wrote scheduled VBS scripts.
- Provided marketing team with form, landing page, microsite, and email newsletter consulting.
- Assisted marketing team with corporate rebranding projects.
- Remained as a contractor after employment to assist with developer transition.

Northrop Gruman Corporation (NYSE: NOC)   11/2012 – 07/2015
Front End Developer (Contractor)   **Atlanta, GA / Remote**
Internal HTML5/CSS3/jQuery-based projects for the US Government Centers for Disease Control (CDC).
- Part of an R&D team that researched and developed interactive, responsive, and animated infographics.
- Developed and maintained public-facing web properties using Rythmyx CMS and Bootstrap.
- Designed responsively for a range of targets including IE8, Firefox, Android, iPad, and projectors.
- Created front end application which runs entirely offline in Javascript.
- Created JSON-based course and manifest file formats for modular content storage.
- Implemented animated, interactive healthy swimming infographics based on Illustrator mockups.

- Constructed projects under strict US Government Section 508 guidelines.
- Utilized HTML5 technologies such as <video> and <canvas> with Flash fallbacks for IE8.
- Migrated DCS online Flash-based portfolio system to use custom jQuery/HTML5 solution.
- Created custom slideshow jQuery plugin and framework for CDC Electronic News and Media division.
- Acted as consultant for CDC HIV/AIDS Game Development Challenge.
- Worked on other various department projects requiring jQuery and mobile app development expertise.
- Contract ended upon completion of projects and relocation.

Appsoft Development, Inc.   06/2011 – 10/2012
Senior Web Developer   **Jacksonville, FL**

Part of a group of digital marketing professionals that operate SEO, SEM, Social Media Marketing, e-commerce, branding, and web presences for high profile businesses such as Salt Life, CareSpot, Pilot Pen, Harrell & Harrell.

- Co-engineered a custom stock management system ("AppSupply") using PHP, MySQL, and HTML5. Created from the ground up to be SEO-optimized, it is currently running Arlington Toyota, Mike Davidson Ford, and other major automotive dealerships in Jacksonville and around the country.
- Led the company-wide push to adoption of HTML5 and CSS3 technologies in client productions.
- Designed, developed, and implemented web interfaces based on creative comps.
- Worked extensively with, and developed custom additions to, industry-leading PHP + MySQL solutions such as WordPress, Joomla, Magento, Pinnacle Cart, and DigiShop.
- Designed mobile websites and apps using jQuery Mobile, PhoneGap, and Appcelerator Titanium.
- Conversion of client assets from Flash to jQuery where cost-effective.
- Designed logos, posters, flyers, banners, ads, and other print-based materials.
- Creation of rich, interactive Flash presentations where HTML5 technologies were not practical.
- Edited and deployed video to mobile devices (HTML5) and Flash.

CIBER, Inc. (NYSE: CBR)   12/2011 – 03/2012
UI / UX Developer (Contractor)   **Orlando, FL / Remote**

Front end UX developer for Express Scripts, Inc. (NASDAQ: ESRX) Connect Your Care health insurance management system, used by millions of Americans every year.

- Contracted remotely by CIBER and worked almost exclusively from home using Skype and Sharepoint.
- Built HTML5 and CSS3 assets from OmniGraffle wireframes and Illustrator creative comps.
- Created and managed custom jQuery functionality that supported the frontend's rich interactive interface, and the backend's AJAX requirements.
- Utilized jQuery UI controls to add rich functionality such as autocomplete, combo boxes, and custom selection controls. Created custom controls and jQuery plugins while maximizing 508 compliance.
- Assisted backend developers by making frontend adjustments per their functionality requirements.
- Converted and validated legacy XHTML assets to HTML5.
- Communicated with project managers and developers in an agile environment to make sure the end result would meet all project sprints.
- Contract ended upon completion of project.

Triumph Learning, LLC.   09/2006 – 06/2011
Vice President, Multimedia Technology   **New York City, NY / Remote**

Played a key role in helping a K-12 publishing company transform from all paper-based delivery to 100% digital. Later appointed by CEO to develop 21st century interactive eLearning strategy.

- Developer of Electronic Teacher's Desk Reference, Curriculum on Demand, and iCore (content platform and LMS), online products that made over $10m annually.
- Designed and developed over 12 individual websites for company products and sister organizations.
- Assisted graphic designers and trained interns for marketing ads, flyers, and presentations.
- Provided Internal IT support for Mac, PC, and Windows Server issues.
- Seven time employee of the month.
- Assisted with technology migration and due diligence when company sold to Triumph Learning in 2010.
- Continued to operate as lead web developer of iCore, 2011 CODiE Award.
- As multimedia producer and development leader, created a business proposal for an educational game development team that would operate under minimum expense while bringing maximum ROI.

- Produced and designed several educational games under the iCore label.
- Assisted with content migration from iCore's internal content management system to Triumph's RSuite CMS. Developed XML format and batch converter to facilitate data migration.
- Assisted with migration effort of iCore backend, server migration to Amazon Web Services Cloud.
- Consulted with Digital Experience team for new corporate page redesign.

EDUCATION

University of North Florida, BFA – Digital Media, Photography Minor, 2005-2007
Tallahassee Community College, AA + AS Graphic Design – Multimedia, 2001-2005

SKILLS AND ACCOMPLISHMENTS

- Association of Information Technology Professionals (AITP) Jacksonville 09/2015 Guest Speaker
- 3rd Place Winner, 2013 Robert Wood Johnson Foundation Games to Generate Data Challenge
- 2011 CODiE Award Winner for Best K-12 Instructional Solution
- 20+ years hand-coded front end web design **(HTML5 / XHTML, CSS3, Javascript)**
- 20+ years digital media / graphic design **(print, multimedia, photography)**
- 15+ years back end web development **(Node.js, PHP, MySQL, MS SQL, SQLite)**
- UI/UX tools **(Figma, InVision, XD, Axsure, Balsamiq, Omnigraffle)**
- Version control platforms and frontends **(Git, SVN)**
- Extensive use of APIs **(RESTful, SOAP)**
- Unit test development **(PHPUnit)**
- Developing, preparing, and parsing **JSON and XML** schemas for import, export, and XSLT
- Node.js in Mac and PC workflow **(Yarn, NPM, Gulp, WebPack, ESLint, Husky, etc.)**
- Experience with PHP frameworks **(Laravel, CodeIgniter)**
- Years of experience with Javascript frameworks **(Vue.js, React.js)**
- Typescript, Coffeescript, and CSS preprocessors **(SASS, LESS)**
- Web design frameworks **(Bootstrap, Foundation, Google Material Design)**
- **Agile / SCRUM** methodologies, prototype workflow for game development
- UI **wireframing, prototyping** and implementing a wide range of modern design styles
- Adobe Creative Cloud **(Photoshop, Illustrator, InDesign, Dreamweaver, Animate, etc.)**
- Code editors and IDEs **(VS Code, Atom, Sublime, Aptana/Eclipse, PHPStorm)**
- Photography; video production, editing **(Final Cut Pro, Premiere, After Effects, Camtasia)**
- **LAMP stack** environments, Apache, Windows IIS server administration, database administration
- HTML5 semantics, SEO optimization, browser compatibility, and W3C web standards/validation
- **Section 508** interface accessibility standards compliance
- CMS solutions **(Wordpress, Joomla, Magento, Rsuite, Rythmyx)**
- 3rd party marketing and analytics tools **(Google Analytics, Piwik, Flurry, etc.)**
- Deploying resources into Amazon AWS **(EC2, RDS, S3)** and other cloud services; utilization of CDNs
- Various middleware **(PhoneGap, Appcelerator Titanium, etc.)** to create cross-platform mobile apps
- Management of overseas IT and software development vendors
- Developer and designer of over 12 published games and apps **(iOS, Android)**
- Familiarity with **Alexa and Google Home** Skill development, speech parsing, and AI
- Windows software development, GUI development