Talal Agha
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(https://github.com/talal-agha)

Summary:
- Senior Software Engineer with experience in building SaaS applications and leading projects that have meaningful impact on business line.
- Experience in designing and developing slick front-ends using JavaScript, jQuery, AJAX, Angular JS, React.JS and Ember.
- Experience in developing web sites using various PHP frameworks (WordPress, Laravel, Joomla).
- Built backend functionality, implemented development & continuous-integration workflows to review, test and deploy process in AWS Linux environments.
- Superb leadership and communications talents, leading by example to instill enthusiasm and project ownership in team members.

Skills:
Frontend: Javascript, ReactJS, NextJS, VueJS, NuxtJS, Remix, TailwindCSS, HeadlessUI
Backend: NodeJS, Bun, Deno, ExpressJS, Hono, PHP, Laravel, Wordpress Core, Drupal Core
Database: MongoDB, Mysql, Postgresql
Devops: Ubuntu, Nginx, Apache
CMS: Wordpress, Drupal
Other: Docker, VS Code, Github, Gitlab, Bitbucket

Recent Projects:
https://easyzigbee.com | https://ecosurvivor.com | https://atelierdesigns.us | https://mytouchsmart.com
https://wmbarr.com | https://homedialysis.org | https://castingfrontier.com
https://jobsohio.com | https://www.theupsstorefranchise.com
https://soarstudies.org | https://oshn.org | https://shieldshealthsolutions.com

Professional Experience:

Fahlgren Mortine, Indiana, PA
Senior Designer (Contract-Remote)   **March 2023 – Current**
- Architect and implement complex features for ecommerce platforms using Laravel and Drupal.
- Scrapes and analyzes backlinks for websites. Checks for meta tags, headings, keyword density, and other SEO elements.
- Build wide range of design, wireframing, and prototyping tools, including Photoshop, Fireworks, and Visio.
- Utilized Vue JS framework to create dynamic and interactive web applications.
- Created dynamic RESTful APIs in PHP, powering millions of transactions each month for clients.
- Implemented responsive design techniques to adhere to current web standards.
- implement desired functionality by either creating or tweaking custom WordPress themes and modules.
- Analyzes content readability, keyword usage, and suggests improvements.
- Developed and deployed scalable web applications using Heroku, Deployer and Docker.
- Utilized AWS infrastructure setup (EC2, Lambda, S3, RDS, ELB, Cloud front) to improve website performance across all platforms and browsers.
- Wrote Python scripts to load data into AWS cloud environments.
- Identified and addressed common website security risks, which helped reduce vulnerability incidents.
- Collaborated with cross-functional teams in a fast-paced environment to deliver high-quality code and meet project deadlines consistently.

Environment: WordPress, PHP, Python, Laravel 9, 10 and 11, Joomla, AEM, Angular, Drupal 9, 10-11, WCAG, Terraform, Jira, Vue, Nuxt, Strapi, AWS Cloud, TDD, FTP, Gen AI, Helm Charts, jHeroku, Query, Node js, NPM, React, git, Tailwind, SaaS, GraphQL, WP Engine.

JM Smucker, IN   **Feb 2022 – Feb 2023**
Software Engineer (Contract-Remote)

- Develop programming solutions on projects within brands to meet business requirements.
- Develop and maintain both MySQL and mongo Databases.
- Writing unit tests and API tests.
- Responsible of Cloud migration of applications and CRM systems.
- Design wireframes and develop WordPress themes and plugins. Also create website architecture.
- Train business staff and developers on various Laravel and Vue based applications.
- Manage data handling requests from Salesforce to other platforms.
- Responsible of development and execution of technical solution testing, including unit, integration and performance tests.

Environment: WordPress, Angular, Laravel, React, WebGL, ARIA, Symphony, Node js, Vue 3, AWS Cloud, microservices, jQuery, React, AWS Lambda, NPM, Circle CI, bit bucket, git, Tailwind, SAAS, GraphQL.

Med Report Guard, CA   **Feb 2021 – Jan 2022**
Senior Full Stack Developer (Contract-Remote)

- Develop medical related applications using LAMP stack especially Laravel.
- Developed index database architecture using SQL procedures.
- Build dynamic web interfaces using Tailwind CSS, HTML and JS.
- Writing unit tests and API tests.
- Mentored junior developers on various JavaScript libraries exclusively Vue, web application development and OOP.
- Setup EC2 instances and CI/CD pipelines on AWS platform.
- Manage side effects, state changes, routing, and other related considerations in developing complex React-based applications
- Manage, handling and distribution of all JIRA tasks among team members by their expertise level.

Environment: Laravel, Vue.js, inertia, Heroku, Jenkins, ARIA, CQRS, Symphony, jQuery, EMR, AWS Lambda, NPM, Node js, bit bucket, git, Tailwind, SAAS, GraphQL

Medical Education Institute, WI   **April 2020 – May 2021**
Sr. Web Consultant (Contract-Remote)

- Build web interfaces with given UI/UX designs and style guidelines.
- Designed and implemented database architecture for applications using various databases (MongoDB & MySQL).
- Develop themes using foundation for new applications.
- Work with Elm Architecture and functional data structures.
- Design and develop AEM components, integrations and applications.
- Use Photoshop to create UX and mockups for various microsites.
- Create web applications using Ember.js and Bootstrap.
- Convert ROR applications to Laravel PHP.
- Manage and handle AWS cloud front, EC2 and RDS services.
- Design dynamic content models, security models, workflows and AEM templates.
- Wrote Python scripts which create SQL queries from the given data.
- Rebuild and restructure websites using Jekyll, foundation and MySQL.
- Maps client requirements to Drupal and will solve and provide structure behind technical applications.
- Architect production web services with Ruby/Rails using MySQL, SQL Server, RDS
- Enhance and maintain SEO & google analytics on all MEI websites.
- Manage email lists and newsletters for worldwide authors.

Environment: ROR, jQuery, AWS, AEM, Ember, Elm, Gulp, Lambda, TDD, WCAG, AEM, Strapi, Node, Adobe Photoshop, React, GraphQL, Python, typescript, foundation, React, SaaS, Vue, MySQL, EC2, Cloud-front

Casting Frontier, Hollywood CA   **June 2019 – March 2020**
Sr. Front-End Engineer (Contract-Remote)
- Developing user-facing applications using Ember and Vue.js.
- Built modular and reusable components and libraries.
- Optimizing application for performance & Implement automated testing integrated into development and maintain workflows.
- Maintain the existing Liferay portal site for overseas users.
- Provide support to old application was written in Elm and used Netlify functions to call the Air table.
- Set up and maintained application authentication using Central Authentication Service
- Manage and handle all upgrades and updates necessary for keeping up with app security and development best practices.

Technologies: Vue.js, ROR, jQuery, AWS, Ember.js, Liferay, Joomla, Elm, bit bucket, foundation, Angular, Terraform, Sass, React, GraphQL

Oklahoma Tax Commission   **Jan 2019 – June 2019**
Software Engineer
- Develop in-house web applications and data cubes using SSAS for data analysis.
- Responsible of building custom based PHP application, that allow users to submit their Ad Valorem Taxes.
- Works directly with business units/(SME) to translate user requirements into system specifications.
- Integrate application UIs with server-side APIs.

Technologies: PHP, SQL, SSRS, DevOps, AWS, ROR, DevOps, GIT, JavaScript.

Jasco Electronics, OK   **May 2017 – Jan 2019**
Web Manager
- Responsible for the site UX and UI projects with frameworks using CSS, HTML5, PHP and JavaScript with cross-browser compatibility.
- Built backend functionality, implemented development & continuous-integration workflows to review, test and deploy code into AWS.
- Oversee the creation of design specifications and design standards in the form of storyboards, prototypes, wireframes, and workflows
- Design and build the front-ends of multiple WordPress sites.
- Designed multiple e-commerce web applications with robust checkout process.
- Development of REST APIs in python and provide back-end capabilities to interface with OpenStack.
- Build Micro services and application components using Spring boot
- Converted web applications to PHP Frameworks with optimized speed and security.
- Worked heavily on Drupal CMS development and developed various custom modules.
- Offered consultation & solutions in mobile applications (Android & iOS) enterprise applications to ecommerce.
- Implemented EDI system of systematic order transactions for Warehouse department.

Technologies: PHP, WordPress, Laravel, Spring boot, Liferay, AEM, React, Joomla, Angular5-6, HubSpot, DevOps, Magento, Visual Force, Stripe, Shopify, AWS, Drupal 8

Oklahoma State University, OK   **Nov 2014 – April 2017**
Web Developer (Drupal)
- Responsible for architect, develop, and provided support of Enterprise Data.
- Managed patch application on all database servers.
- Design, document, implement, and monitor backup of critical database files, and other database protection.
- Develop AEM components and templates leveraging current AEM software releases.
- Design and develop workflows, forms & applications SharePoint portal using InfoPath & SharePoint designer.
- Implemented complete analytics, AdWords and Search Engine Optimization (SEO) on various web sites to increase traffic.
- Developed T-SQLs, stored procedures, performance tuning and building jobs using SSIS.

Technologies: PHP, JS, Redis, Microsoft SQL Server, Drupal, EDI, AEM, NoSQL, CSS3, HTML5, Camtasia, Share point 2013, LESS/SASS, Oracle DB, SQL-Server, UNIX, Windows Servers, Blackboard.

Wichita State University   **Aug 2009 – Oct 2014**
Business Analyst/DBA
- Use HTML, CSS, jQuery, PHP, MySQL, XML, Git, Gulp, Grunt, and REST/SOAP APIs to develop complex responsive themes and plugins Development and administration of the various ColdFusion Applications to maintain a high degree of availability and uptime for critical reporting processes.
- Design, develop, and maintain integration routines among PeopleSoft applications as well as between non-PeopleSoft applications using Integration Broker and messages.
- Created custom modules on WordPress and jQuery user interface to display video clips of software effects.
- Created web sites using PHP, Bootstrap CSS to show locator of sites and locations.

Technologies: Java, MVC, WebGL, PowerShell, PeopleSoft, SSL, Apache, Oracle ADF, HubSpot, ColdFusion.
Other Freelance projects:
MedPed Clinic (Remote-WordPress)   **Feb 2010 to Dec 2012**
- Led full-scale EMR implementations, SME, and train clinical and front office staff on EMR & Workflow re-engineering.

Education:
- Bachelors in Management Information Systems (2009) from Wichita State University. Kansas.