NICHOLAS SCHILD
Full Stack Web Developer

OBJECTIVE:

To obtain the position of Full Stack Developer where I can apply my skills, contribute my 9 years of professional experience building all aspects of web sites and applications to the team, provide input in all parts of the product lifecycle, and creatively develop and troubleshoot novel features in refining existing and future platforms.

EDUCATION

UNIVERSITY OF NORTH FLORIDA

Computer Software Engineering

ST. JOHN'S RIVER STATE COLLEGE

(AA) Computer Software Engineering

SKILLS

HTML5 / CSS3
PHP
JavaScript / NodeJS
SQL / MySQL / Postgres
SELF MOTIVATED
FLEXABLE / ADAPTABLE
DEPENDABLE

KEY POINTS

9 YEARS EXPERIENCE

TEAM PLAYER

WORKS IN GROUPS AND INDEPENDENTLY

FRONT-END AND BACK-END

WORK EXPERIENCE

2011 - CURRENT

FULL STACK DEVELOPER
OWNER / MANAGER

PantryChef, LLC

A Personal Project / Company built in my free time with over 6 years in the making and was recently launched! Have had to learn the hard way to say "no" to shiny things and set hard milestones to get it to the status it is today. Built on a hybrid PHP / NodeJS (real-time) platform that has evolved as technology has matured.

* Hosted on a LEMPN (Linux, Nginx, MariaDB, PHP, NODE) server
* Connected with various API's and commission partners, such as
    * Amazon Product Search ……………………………………… Amazon Affiliate
    * eBay Finding …………………………………………………eBay Partner Network
    * Target.com …………………………………………………….Impact Radius
    * Walmart.com ……………………………………………………..Rakuten
    * Coupons.com ……………………………………………………… Brandcaster
    * Google Places / Maps
* Chrome browser extension
    * Comprehensive scraping algorithm automatically detects and uploads recipes from blogs and websites that the user browses
    * Injects content into pages to extend PantryChef features into those sites (ex: inventory status of ingredient, scheduling, reviews, etc)
* Mobile application (in development)
    * Cross platform (IOS and Android) Cordova app
    * Built in barcode scanner aids in inventory management and product lookup / price comparison while shopping in store

FULL STACK WEB DEVELOPER   Visual Voice, LLC
                                                        Marvville (Knoxville), TN

* Reviewed, proposed and implemented changes to existing codebases in order to increase performance and promote system security.
* Assisted team members with coding questions and assisted in technical layouts.
* Built the latest rendition of the company's internal VisualCMS from the ground up. This CMS is unique to Visual Voice in that it allows clients the ability to manage their own website changes in a familiar Microsoft Word type interface, which requires a miniscule learning curve.
 The CMS also provides features such as:
          * SECURE
                    * Nightly, incremental, off-site backups.
                    * Custom approval process before changes go live.
                    * Users login via a single-sign-in method via email their credentials.
                    * Multiple user profiles, each with independent access restrictions.
                    * When changes are saved, they are instantly pushed to the backup location.
                    * SSL encryption by default.
                    * Databases are independently encrypted and individually hosted. In the unlikely event that a single database is compromised, the whole site is not affected, and that single database can be quickly recovered from a backup.
          * FAST
                    * All uploaded images are automatically compressed, resized according to responsive breakpoints, and converted to next-gen formats. ie: (webp, jp2, jpx, etc)
                    * Images are initially loaded as placeholders and are then lazy loaded into the page as the user scrolls.
                    * Support for SPA style websites, in which only 1 page is loaded and content is dynamically loaded as the user navigates the site. This leads to a more fluid, natural, and responsive feeling website.
          * EASY TO USE
                    * Edit-in-place visual editor, similar to Microsoft Word.
                    * Drafted and Retired page versions are easily revertible and include a screenshot and notes on what has changed in each version.
                    * Integrated spelling and grammar checker.
                    * Pages are based on expertly designed templates. By using a templating system, users are less likely to degrade the site's formatting by mistake.
                    * User editable fields range from:
                              * Rich text inputs
                              * Plain text inputs
                              * Url only inputs (complete with a list of internal links)
                              * Image picker/uploader inputs
                              * Repeatable content
                              * Form builder
                              * Color picker for css
                              * Prebuilt widgets
          * SEO FRIENDLY
                    * Automatic redirects on page/resource.
                    * W3C's newest structured data spec, JSON-LD, comes built in.
                    * Commonly forgotten about redirects built in.
                    * Autogenerating robots.txt and sitemap.xml

OWNER | FULL STACK DEVELOPER | 3D / MECHANICAL / ELECTRICAL ENGINEER AND DESIGNER — Prototype Jax, Jacksonville, FL

Own and operated a prototyping and web development business, holding sole responsibility for customer service, business management, marketing/advertising, networking, and finances.

* 10+ Recurring Clients from Small and Large Companies
* Time management skills
* Key roles in all parts of project lifecycle

Client projects have used quite a variety of technologies:

AJAX alaSQL Amazon Android AngularJS Arduino AWS Backend Bitcoin CasperJS Chrome Extension Cloudflare CMS Cordova Plugin Development CSS3 D3js Debian DNS Drupal eBay eCommerce ExpressJS Facebook Frontend G+ GoDaddy hosting HIPPA Compliance HTML5 Hubspot Interactive Games International VPS IOS JavaScript JSON LAMP Linux Magento MariaDB MongoDB MySQL MSSQL CLI NodeJS PayPal PhoneGap PHP5 PHP7 PHPMyAdmin Pinterest Redis Responsive Design REST SAAS Scalable SEO SOAP SSL Twitter VPS Web Scraping Windows Server WordPress

Top 2 Most recent Clients

Codename: GAMBLE

This client hired me to take over a project started by a previous independent contractor. The goal was to build a scalable white-labeled gambling site SAAS that reliably sources game lines from a variety of sources (API feeds, website scraping, etc) and adhere to the innumerous set of calculated limits that change based on but not limited to manual line shading, automatic line shading, adding and subtracting points, line moves, wager type, real-time line changes, etc. Additional features have been added such as a custom built from scratch poker game, a custom lottery system, an odds format converter that automatically converts between 5 different formats, based on the user's preference.
BUILT WITH: PHP5 NodeJS JavaScript HTML5 CSS3 jQuery WordPress, MySQL AJAX, custom API, REST, Bitcoin

Codename: HARP-A-MATIC

This client hired me to bring his patented method of harmonica tablature to life in the form of a mobile app and web application. His method makes it much easier for players to learn how to play the harmonica. The app follows the user as he/she plays much like the Guitar Hero game and also displays an overlay "birdseed" of how accurate the reproduction was. The tablature editor has a drag and drop interface and an import from WAV, MP3, MIDI, and live recordings. Uses a single-sign-on method via the store's website.
BUILT WITH: Cordova, PhoneGap, GitHub, HTML5, MySQL, PHP5, AlaSQL, AJAX

WORK EXPERIENCE (con't)

SENIOR SOFTWARE DEVELOPER

HAMPTON GOLF CLUBS
Jacksonville, FL

* eCommerce solutions with Customer Information Management systems. PHP HTML JavaScript jQuery WordPress
* Interconnect multiple APIs (documented and undocumented). PHP C C++ Autoit JavaScript JAVA
* Created web accessible employee management tools, such as: collaborative shift checklists, reportable online training videos, and real-time punch clock. Used PHP AJAX JavaScript HTML4 CSS2
* Produced cross platform IOS AND Android applications and websites for clients using PHP4-PHP5 and JavaScript
* Developed Intranet site, which interconnects all facilities of the corporation with latest news, real-time leaderboards, training videos, and job postings. Managed from easy to use back office. PHP JavaScript HTML4 CSS2
* Developed automated end-of-month club owner Profit / Loss and departmental status reports generator in PHP that accessed data from Quickbooks, tee sheet software, and manage tools specified above
* Supported Team Members on site and off site
* Graphic design
* Server hardening on LAMP stack
* Ensure designs are in compliance with specifications
* Support continuous improvement by investigating alternatives and technologies
* Pixel perfect PSD -> CSS/HTML conversion
* Spun up AWS and other distributed VPS servers to increase performance

INTERESTS & HOBBIES

Photography   Camping   Nature   Designing   Electronics

Animals   Grilling   Kayaking   Traveling

"Someday. That's a dangerous word. It's really just a code for never."

- Tom Cruise in Night and Day

LOCATION
227 Wilson Avenue
Maryville, TN 37803

PHONE
904-505-4060

EMAIL
silverhawk184@gmail.com
me@nickschild.com