NICHOLAS D. KLINE

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Skills Summary

- o Over ten years of front-end development, design, and JavaScript experience (HTML, CSS, JS).
- o Proficient programmer: Python, JavaScript (NodeJS), PHP, MySQL, Ruby, ColdFusion, NoSQL (Mongo), and C#.net.
- o Experience in designing and impelementing RESTful services.
- o CMS experience in Drupal, Plone, and WordPress as well as custom built solutions.
- o Focused on bringing the best UX to the customer and empathy for clients.
- o Have taught programming topics to people ranging from students to professionals to professors, one on one and in groups.
- o Experience in variety of libraries, frameworks, and modules such as jQuery, Twitter Bootstrap, Zurb Foundation, FontAwesome, WebGL, AngularJS, Express, Lodash, SocketIO, and many more.
- o Familiar with MVC and MV* architectural patterns design and implementations.
- o Experience using DevOps tools such as JIRA, GIT, Jenkins,

Experience

Solar Innovations, Inc

Web Developer |October 2017 - Current

- o Work within the Marketing Team to lead the marketing strategy for the web
- o LAMP Stack with several WordPress installations
- o PHP, JavaScript
- o Implemented accessibility standards (ongoing)
- o Significantly improved Alexa Ranking

General Responsibilities
Maintain existing web infrastructure while making improvements wherever possible. Creating custom pages, sites, or services to better help our customers. Socially engineered social media posts to drive traffic to certain web pages and products.

Columbia University

Sr. Applications Developer |November 2016 – July 2017

- o Self-directed work with a variety of clients to develop websites or web applications
- o LAMP Stack
- o JavaScript, CoffeeScript, NodeJS, SCSS
- o Implemented accessibility standards

General Responsibilities

Develop, maintain, and repair websites built in Drupal 6, 7, and 8. Focus is on the front-end and templating, using CSS preprocessors (SCSS) and working closely with our UX/UI expert and backend developers. Also built an AngularJS application for internal use to retire an enterprise solution that didn't meet internal risk analysis standards.

The Pennsylvania State University

Programmer/Analyst II | June 2014 – November 2016

- o Programmed new features for websites and applications
- o Implemented, developed on, and maintained NodeJS middleware servers
- o Webserver administration (Apache, Nginx, IIS)
- o Linux Administration (Ubuntu, CentOS)
- o Webmaster for several Drupal, WordPress, and Plone websites
- o UX/UI Design
- o Graphic Design
- o RESTful Integration
- o AngularJS and other single page application development
- o Plone and Drupal development
- o JavaScript, ColdFusion, PHP, Python, SCSS
- o Lead meetings and presented at a web conference

Full Stack Developer on PSU's web conference Elements

Contributed as a full stack developer on elements.psu.edu. This web application was designed so it'll be continually updated for the following conferences to come, archiving all previous versions of the site's designs and content. The application was built on Drupal 7 and Zurb Foundation. We took advantage of the power to the front-end framework and SASS for templating and wrote custom PHP in module development.

Site Administrator for Penn State Websites

Throughout my employ at Penn State I maintained many websites, including militaryfamilies.psu.edu, ssri.psu.edu, ed.psu.edu, elements.psu.edu and many other mini sites and services. Most of these websites are Drupal 7 installations however I've managed several Plone installations on Windows servers. I also have built a Drupal 8 site and have even presented my experience building it at Penn State's Tech Pros Conference 2016. I also wrote custom NodeJS applications to automate various tasks.

Designed and Developed a Ticketing System

As an intern I developed an internal ticketing system for handling and resolving various technical issues. This system was developed in Drupal 7 and deployed on a CentOS server. Another ticketing system needed a face for a kiosk deployment on an Android tablet so I designed a front-end single page application in Foundation and NodeJS for the users to interface with improving the existing systems user experience significantly.

Freelance

Programmer | January 2013 – October 2017 (Ongoing off and on)

- Self-directed work with a variety of clients developing websites or web applications
- LAMP Stack
- JavaScript, CoffeeScript, NodeJS, SCSS
- Implemented accessibility standards

Backend Developer for Susquehanna Community Health and Dental Clinic, Inc.

I developed a lightweight content management system for the aimhealthy.org website, written in PHP. The admin interface was responsive giving the client the ability to update content on any device. To complete this project, I utilized JavaScript, jQuery, and other libraries.

Consultation Services

Consulted with various clients about possible web solutions to their organization and providing specialized work wherever needed. This included services such as web design, graphic design, custom programming, photography, and tutoring.

Pennsylvania College of Technology

Programming and Interactive Media Tutor | September 2013 – December 2014

- Tutored students' in
  - PHP, JavaScript, SCSS, CSS, HTML
  - UX/UI Design

- o Accessibility concepts
    - o Consulted with faculty on curriculum

Techno Link Corps Internship

While in school I interned with a corrugated box manufacturing company in Williamsport developing custom PHP features to their managing software. This application would communicate between the office and the printing machines on processing dimensions of cuts, folds, presses, etc.

Education

Pennsylvania College of Technology

Bachelors of Science in Web and Interactive Media – a computer science based degree that focuses on applying UX theory and web application development.

KNPUniveristy Courses

Received various micro credentials ranging from HATEOS RESTful design to Drupal 8 development.