Brian K. Vagnini

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SUMMARY

- Web Developer and Designer
- Technical Writer (technical documents and user manuals), Creative Writer, and Technical Trainer
- UX Designer

EDUCATION

Certifications: CIW Web Design Specialist, CIW JavaScript Specialist, CIW Certified Instructor
Certificate: Defense Visual Information School - US Army (Multimedia Illustrator)
Certificate: Primary Leadership Development Course - US Army (Commandant's List- top 20%)

TECHNICAL SKILLS

Languages: Python, PHP, HTML, CSS, JavaScript, Ruby, Objective-C
Frameworks: Django, Django Rest Framework, Flask, Rails, Wordpress, Bootstrap
Databases: MySQL, Microsoft SQL 2016, Access, MongoDB, PostgreSQL
Operating Systems: Windows Server 2016, Debian/Ubuntu Linux, Redhat/CentOS Linux, Mac OSX, HP-UX, Windows 11
Design Tools: XD, Figma
Web Servers: IIS 7.5, NGinx, Apache
Misc.: Joomla, Trello, Jira, Confluence, GitHub, Gitlab, Slack, Agile Workflow, Remote work, Puppet 4, Hyper-V, Docker

EXPERIENCE

6gen3, Tallahassee, FL   **Jan 2024- Present**
   Full Stack Developer / Product Owner, Designer

Projects:
- Designed and developed Omneity.life (Ruby on Rails, Docker, PostgreSQL, React) - a web app to help people manage their day to day life a bit easier, all in one dashboard.
- Designed and developed buyourtunes.com (Ruby on Rails, Docker, PostgreSQL, React) - a web app to help bands sell digital downloads of their songs, with download card keys generated at the time of purchase.

Ameresco, Tallahassee, FL (Remote Position)   **Jul 2022 - Sep 2022**
  Software Developer
Projects:
- Maintained and developed features for the Analytics Planner application (Python, Django, PostgreSQL)
- Modify APIs with Django Rest Framework
- Did Data Engineer tasks (created loggers using data from customer APIs for ETL process)(Rest/APIs/JSON)
- Documented General Logger application process

First Commerce Credit Union, Tallahassee, FL   **Dec 2021 - Jul 2022**
  Enterprise Application Developer
Projects:
- Maintained the FirstInLine application suite (PHP 7, CakePHP 3.4, Angular 7) – Did discovery of how the application suite works and identified certain things to change based on Phase 2 Project requirements
- Created AIX consoles for the Networking team for team members to use to assist our members
- Started documenting the eServices Troubleshooting procedures for the various products that our members use
- Maintained the eServices dashboard for the Senior Executive staff

6gen3, Tallahassee, FL   **Aug 2019 - Dec 2021**
  Full Stack Developer / Product Owner

Projects:
- Python GUI app called Feeeedme - https://github.com/bkvagnini/feeeedme_py -a Meal planning app that is run from the desktop (cross platform)
- Flask version of Wut2Eat (fka Feeeedme) - omniety.life - A meal planning webapp in the POC stage
- JavaScript version of TRIM (fka MeMoney) – omniety.life - Helping you manage your money (in the POC stage)
- 6gen3 Customer Portal (Python/Django) – the single sign-on solution for all 6gen3 applications
- Designed a process for uploading files generated from MS Office, to the Fantasy Baseball League website, with a Bash script to unzip the archived files automatically.

Reliant Solutions, Tallahassee, FL   **Feb 2018 - Mar 2020**
  Instructional Product Manager
Projects:
- Did an emergency update of the portal website (Ruby on Rails, CSS), to match the business website, using SDLC processes
- Participated in numerous Agile oriented meetings, including Sprint Planning and Sprint Retro (per Scrum practices)

Leon County Sheriff's Office, Tallahassee, FL   **Jul 2016 - Feb 2018**
  Systems Administrator
Projects:

- Design and document new processes (HTML5/CSS3), based on requirements gathered from the client
- Redesign of the LCSO External Website (SiteFinity CMS and hand coded HTML/CSS / JavaScript/Responsive Design/BootStrap/Foundation) to make it modern and responsive (CMS solution requested by IT director)
- Performed typical System Administration duties (Shell Scripting)

Florida State University, Tallahassee, FL   **Apr 2008-Jun 2016**
  Junior Software Engineer / Linux / Windows Systems Administrator
(Northwest Regional Data Center (NWRDC), Center for Advancement of Learning & Assessment (CALA), Florida Center for Reading Research (FCRR), WFSU-TV/FM (WFSU))
Projects:

- Design and document new processes (HTML5/CSS3), based on requirements gathered from the client
- Maintained the company website via Markdown and Github Pages (HTML5/CSS3/Git/Github Pages)
- Maintained the FCAT Code base in Ruby and Python (CALA); Transitioned the FCAT Code base to Objective-C (CALA)
- Documented how the FCAT Code base worked, to assist in training new developers (CALA)
- Wrote an Event Signup web application (PHP/MS SQL Server/Excel) that stored data in SQL Server and used Excel to extract that data for the reports for the clients (FCRR)
- Created a CD Inventory Database (PHP, MySQL) for WFSU-TV/FM users to catalog new CDs. https://github.com/bkvagnini/FM_Library (WFSU)
- Created an inventory database (PHP, MySQL) for the Radio Museum at WFSU-TV/FM. https://github.com/bkvagnini/radiomuseum (WFSU)
- Created an Access/SQL Server application for the Florida Channel. https://github.com/bkvagnini/Fl_Chan_video_dub_db (WFSU)
- Assisted the WFSU Web Designer in updating the website (Flash, HTML, PHP) when she was out of the country. (WFSU)
- Performed typical System Administration duties