Phillip Click

**Full Stack Software Engineer**

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I develop elegant solutions for customers and my team, pulling upon my working knowledge of IT/software development and my troubleshooting ability honed working on tractors. I have a thirst for institutional knowledge that allows me to cater to customers, with company and team in mind. I see change and challenges as opportunities to add value and create work I'm proud to own.

**SKILLS**

* Programming Languages: VBA, VB, Javascript, HTML, CSS, Jquery, PHP, Python
* Frameworks: Apache, Express, APIs, React, Node/NodeJS
* Databases: SQL, MySQL, PostgreSQL, MongoDB, Access, PostgreSQL, Heroku
* Tools: Visual Studio Code, GitHub, Mongoose, Agile, Trello, Object Oriented Design, Bootstrap, IIS, Moodle LMS, Windows Server, Android development, Adobe Captivate

**EXPERIENCE**

**Software Engineering Immersive | General Assembly** | Remote | Dec. 2020 - June 2021

Successfully completed 500+ hours of expert led instruction in the development process, contemporary full-stack tools, programming languages and methodologies. Course work included hands-on learning of software development fundamentals and the industry's most in demand technologies. Developed projects, including:

* Multi-mode Rock, Paper, Scissors: Developed an HTML 5 game with multiple modes utilizing CSS and Javascript. Data model allowed for easy addition of game modes for consumers to choose from.
  + HTML, CSS, Javascript
* Media Curation Application: Developed using MongoDb, Javascript and HTML 5. Allows users to login and upload media to backend using multer then curate their media. Allows for filtering and searching media by tag, title, description and category.
  + MongoDb, NodeJs, Express
* Issue Tracking Application: Developed using Postgre, Flask, Python and React. Allows users to create accounts, create items that have status, assignee, description and a trail of notes. Users can view only their own tickets or view all tickets with the ability to search and sort them.
  + Flask, Python, React, Postgre

**IT Specialist - Training | USDA/FSIS via Red Cedar Consultancy** | Beltsville, MD | July 2016 - Present

Worked with training design specialists and others to develop IT solutions to innovate and improve training and delivery. Our innovation and development of virtual reality orientation material for Android and web-based learning won two awards from the administrator of the Food Safety Administration.  Projects include:

* Online Learning: Developed technology for online distance learning, establishing SOPs for deploying and configuring Moodle LMS, using PHP and Apache. Set-up and managed multiple servers inside and outside of DMZ to serve synchronous and asynchronous learning to around 10k consumers. Requiring work in VBS, HTML, PHP, MySQL and Javascript. \*Award Winning
* Tuition Tracking Database: Multi-user, Access database with VBA email and tracking automation that has tracked nearly $500k in reimbursements for around 6,000 qualified employees.
* Virtual Plant Walkthroughs: Android based VR application that allowed consumers to ‘tour’ slaughter plants, developed using Captivate and signed using multiple platforms for distribution. \*Administrator’s Award winning
* Media Cataloging Database: Multi-user, searchable, Access database that allowed SME’s to view, curate and add metadata to nearly 100gb of video and photographic media for use in later training development.
* Online Testing: Customized web based exam pages on QuestionMark, using HTML and Jquery to improve UI and ensure test security.

**Deputy to Chief of Operations | USDA/FSIS/OCIO via Sotera** | Washington, DC | April 2015 - July 2016

* Promoted to deputy to the chief of operations on the FSIS O&M contract after starting out and briefly working as a desktop configuration specialist and later as a technician in the network operations center.
* Troubleshoot customer complaints and instituted organizational and process changes in computer depot, servicing 10k customers. Reduced issues to zero within a month.
* Conceived and assisted in development of a web based site to track thousands of pieces of network equipment across the country, using HTML, Javascript, SQL and solarwinds. Allowed us to quickly query the status and location of the networking equipment.

**Warehouse Manager | Standard Restoration and Waterproofing** | Forestville, MD | Oct. 2014 - Jan. 2015

* Managed multi-million dollar masonry warehouse supporting waterproofing and historic restoration jobs across the countries.
* Ensured all jobs went without any delay due to equipment or material shortage due to warehouse.
* Created Tool Inventory Tracking System using Microsoft VBA to quickly query the location and status of thousands of dollars in tools and equipment.

**Office Manager | Precision Small Engines, Inc |** College Park, MD | October 2008 - June 2013

* Managed office and shop operations for sale and service of small engine equipment, up to large construction and agricultural equipment.
* Attended seminars on the latest technology for single to three cylinder gas and diesel engine equipment.
* Helped troubleshoot, find parts and act as technical writer for over a dozen manufacturers for equipment from 80 years old to brand new.

**EDUCATION**

**General Assembly |  Immersive |** Remote | 2020-2021

**CompTia A+ Certification Training | Anne Arundel Community College** | Glen Burnie, MD | 2 weeks 2015

**Bachelor of Liberal Arts - History | University of Maryland College Park** | 2008-2010