

# Blane D. Downing-Jennings: Solution Developer

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*I'm looking to answer new opportunities and resolve new challenges; to fill a role which allows me to make tools & solve problems, challenges me to constantly be improving & growing and also encourages me to be the warm & humorous, best version of myself.*

## **SKILLS & TOOLS (Full-Stack Web, Desktop Automation, Modeling)**

problem-solving!, bash/zsh scripting, Python, Flask, Django, MVC, JavaScript, Node.js, Angular, React, Redux, HTML5, CSS, Markdown, MongoDB, PostgreSQL, MySQL, SQL Server, EC2, nginx, REST, GraphQL, SPA, Visual Basic, C++, VBA/MS BI Data Tools, Pandas, Ruby, Rails, Vagrant, vSphere, NSX, Android Studio, MATLAB, LaTeX

## **RECENT PROFESSIONAL EXPERIENCE**

### SPJ SOLUTIONS

El Dorado Hills, CA : MAY 18 – AUG 18

#### **Software Engineer**

SPJ Solutions is an information technology company focusing on emerging technologies around the Software Defined Data Center and Virtual Networking. In my role as Software Engineer on cITopus (a full-stack .js solution for VMware NSX & vSphere UI/automation) I worked on both client and server side logic to implement bug fixes & new features.

- Problem-solve! Constantly learn from others and independently
- PostgreSQL, Express.js, React.js & open source packages to build complex applications
- Worked on UI features relying on network topology, drag and drop, multi-state modals forms
- Utilization of open source libraries, APIs and SDKs for virtualized networks (i.e. python-shell (Node.js lib), VMware NSX API and vSphere Python SDK)
- Created compositions of async/synchronous functions for complex server operations
- Web app deployment and hosting vm setup/automation; TinyVM .ova/.ovf automation
- Worked independently and as part of a team to spec features and meet timelines
- Created internal and external facing documentation

### SUTTER HEALTH/VIZIENT INC.

Roseville, CA : MAY 16 – JUN 17

#### **Sourcing Analyst & Database Manager**

Sutter Health is one of the nation's leading not-for-profit healthcare networks. In my role as Sourcing Analyst at their S3 facility I assisted in analysis, solution design, development & documentation as well as testing & training. I created several automation tools including VBA/SSIS processes to project the future savings/loses of new contracts based on historical data and an organization-wide contract/product cross-walk tool for distribution conversion.

- Problem-solve! Constantly learn from others and independently
- Develop, maintain and audit ETL processes and content of Master Contract Database
- Analysis and interpretation of client supply chain data for sourcing teams:  
Pharmacy, Surgical Services, Medical/Surgical, Information Services, Non-Clinical, Laboratory, Capital, Cardiology, Orthopedics & Imaging
- Prepare immediately actionable decision reports
- Provide context & scope of value for future & ongoing sourcing opportunities
- Automated and ad-hoc queries
- Documentation and value capturing of processes & decision results

## **EDUCATION**

### UNIVERSITY OF CALIFORNIA DAVIS

CLASS OF JUN 14

#### **Bachelor of Science, Applied Mathematics (Philosophy Minor)**

- Communication of the principals, concepts & results of abstract reasoning, functional analysis, mathematical algorithms/modeling and data-processing logic