

Professional Experience

- Dispense – Software Engineer (11/2022 ~ Present)
Node.js, Next.js, React, Zod, Jest, JS, TS, REST
 - Designed and implemented a tax engine to calculate taxes based on product categories, attributes, and store locality.
 - Developed a role-based access control system for group permission management.
 - Implemented purchasing limits for customers for legal compliance.
 - Assisted in maintaining a custom e-commerce application and its third-party integrations.
- Bloomscape – Software Engineer (11/2019 ~ 05/2022)
PHP, Python, React, JS, TS, Wordpress, REST, Data Engineering, NetSuite, Product Management
 - Designed and implemented data pipelines and transformations from source systems into Business Intelligence reporting tools using Python.
 - Migrated business processes from ad-hoc services to Oracle's NetSuite.
 - Prioritized tickets using the Agile methodology to effectively communicate, meet clear expectations regarding deliverables, and address roadblocks.
- Quicken Loans – I.T. Internal Audit (01/2018 ~ 05/2019)
Python, I.T. General Controls, SOX, Compliance
 - Collaborated with the IA team to learn and understand audit processes.
 - Conducted IT audits, including planning scope, stakeholder meetings, and performing fieldwork.
 - Performed risk assessments and prepared audit reports for enterprise applications, on-premise, and cloud system implementations.
 - Partnered with various engineering teams to remediate issues and enhance the reliability of existing controls or provided guidance for new controls.
- RideHop / Quicken Loans – Software Engineer (05/2016 ~ 01/2018)
PHP, MySQL, Node.js, JS, REST, Web Sockets, Java (Android), Objective-C (iOS)
 - Led continuous improvements for RideHop's white-label mobility solution.
 - Maintained and refactored the legacy codebase with a focus on system stability.
 - Monitored infrastructure for optimal performance.
 - Provided on-site technical support to clients.
 - Initiated and oversaw planning, design, and development of the next major software version using a modern JavaScript stack.

Education

- Hacker Fellows Fellowship, Invest Detroit (05/2016 ~ 05/2017)
 - One-year fellowship program for hackers, coders, and startup junkies
- University of Michigan-Dearborn (08/2011 ~ 12/2017)
 - Bachelor of Science in Software Engineering
 - Web Technologies, Design Patterns, Data Structures, Algorithms

Programming, Software, & Hardware Skills

- Programming Experience
 - Javascript, TypeScript
 - Python
 - PHP
 - HTML, CSS, SASS
 - Objective-C
 - SQL: MySQL, Postgres
 - NoSQL: Mongoddb
 - C++
- Software Experience
 - Amazon Web Services
 - Elastic Cloud Compute (EC2)
 - Elastic Container Service (ECS)
 - Code Commit, Build, and Pipeline
 - Relational Database Service (RDS)
 - Lambda (λ)
 - Simple Storage Service (S3)
 - CloudFront CDN
 - Elastic Beanstalk (EBS)
 - Amplify
 - Development Tools
 - Git, Docker, Terminal, VSCode
 - NPM, PNPM, PIP
 - Apple Xcode and Instruments
 - Productivity Tools
 - Microsoft Word, Excel, Powerpoint
 - Apple Pages, Numbers, Keynote

Side-Projects

- phillip.voydanoff.com - Resume and portfolio
 - A portfolio site to share education, professional experience, my resume, and recent projects. Built with React and Next.js using Typescript and Material UI. Deployed on AWS using Code Commit, Code Build, Code Pipeline, S3, and CloudFront.
- Parks and Rec. Club – connecting neighborhoods through recreation
 - A web-app to encourage folks to utilize their local parks for recreational activities. Parks and Rec. Club maintains an index of local parks and performs match-making for recreational activities. Built using React and Next.js with Typescript.
- socialthings – connecting anyone about anything, anywhere, anytime
 - An attempt at connecting individuals with technology. I was thinking of ways to utilize software to allow folks to come together over a common, fun, interest like recreation.