

# PHONG NGUYEN

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[www.phongnguyendev.com](http://www.phongnguyendev.com)

Full Stack Software Developer with professional experience in business data analysis and software implementations. Proven ability to lead successful projects in highly matrixed teams. Leverages data and web-technology to solve complex problems

## SOFTWARE PROJECTS

### Safe Beacon

- Launched a web-based safety alert system that sends GPS coordinates and device data to closest contacts
- Tested code to ensure cross-browser compatibility including Google Chrome and Internet Explorer 11
- Utilized custom CSS styling using the CSS grid system and three media queries to make the web application responsive
- Built with Angular 8, Typescript, CSS, Express, NodeJS, MongoDB, HTML geolocation, battery status web-API, and Google Maps API. [https://www.phongnguyendev.com/#safe\\_beacon](https://www.phongnguyendev.com/#safe_beacon)

### Stack Lite

- Created a web application improves Stack Overflow's user experience by searching and filtering for the highest voted answers
- Utilized Angular 8, Typescript, CSS, Express, NodeJS, and Stack Overflow API. <https://www.phongnguyendev.com/#stack>

## PROFESSIONAL EXPERIENCE

### Stanford Health Care, Program Manager, Business Operations

Apr. 2014 – Nov. 2018

- Built Stanford's first Safety Incident Reporting tool that allowed users to log safety concerns; 2,000 logged in six months
- Improved clinic productivity by building four data models that measured patient volume, physician and staffing FTEs
- Created the team's first relational database that contained four years of outpatient data and 3 million database records used for business planning
- Drove the business data analysis which led to the opening of a new clinic that currently serves 2000 patients a year

### KPMG, Healthcare IT Management Consultant

Oct. 2011 – Apr. 2014

- Implemented a database migration program to consolidate 10,000+ siloed databases at a Fortune 500 company
- Led a 3-month long vendor selection project that secured ServiceNow as the single information technology service management (ITSM) system for a leading healthcare system
- Recovered \$1 million in outstanding revenue through analysis of patient bills and insurance claims

### Cerner Inc., Software Implementation Consultant

Aug. 2010 – Oct. 2011

- Implemented and deployed Cerner's OCR document imaging software for two leading large hospital systems
- Performed server configurations, data transfers, and peripheral hardware setup for 15 clients
- Create technical documentation and provided onsite end-user training of the product for two clients

## EDUCATION AND CERTIFICATIONS

### Coding Dojo

Full Stack Software Engineering Program  
Completed Apr. 2019

### University of Texas at Arlington

Master of Science, Healthcare Administration  
Graduated May 2010

### Baylor University

Bachelor of Science, Biology and Chemistry  
Graduated Aug 2007

## TECHNICAL SKILLS

### Front-End Software

React, Angular, RESTful API, HTML, CSS, JavaScript, jQuery, Express, NodeJS, AJAX, TypeScript, Twitter Bootstrap

### Back-End Software

Python 3, MySQL, Java, Mongoose, MongoDB, Flask, Sockets

### Developer Methodology and Tools

Responsive design, MVC architecture, Object-Oriented Programming (OOP), GitHub, AWS Cloud, VS Code