# Luke Woodward

## Software Engineer

## Experience

### ENTERPRISE ARCHITECT
**HCA Healthcare** • February 2018 - present

- Represent the Office of the CTO promoting proper architecture, design, and engagement
- Assist in documenting and communicating technical direction and strategies for enterprise deployments
- Define and document technical roadmaps enabling business capabilities
- Research new technologies for potential use with the delivery of healthcare
- Create or analyze various proof-of-technologies
- Deliver comprehensive views of technical, clinical, or business focus areas to identify technical capabilities

### SOFTWARE DEVELOPER
**HCA Healthcare** • September 2017 - February 2018

*Neutron*

- Architected HCA Healthcare's enterprise design system based on Atomic Design Theory and WCAG 2.0 best practices
- Transposed and integrated design system into Angular, Vue, and React frontend products
- Managed Azure DevOps repository as Build and Release Administrator
- Configured, monitored, and maintained deployment in Azure App Service
- Collaborated with Inner-sourcing board to publish components as an npm package for enterprise consumption

*MyCare TVaaP*

- Developed MyCare TVaaP patient facing web application on LG WebOS client
- Implemented Socket.io on client and app server
- Configured Microsoft IIS Servers and Node Servers in Dev, QA, and Production Environments on Microsoft R2 VMs
- Versioned and maintained code in Azure DevOps
- Collaborated with Enterprise Architecture and TriStar Hendersonville Management and Nursing as part of enterprise smart room initiative

### APPRENTICE SOFTWARE DEVELOPER
**Nashville Software School** • November 2016 - May 2017

- Created full stack applications using Node.js while implementing Express, MongoDB and Postgres for server and database capabilities
- Exercised TDD to create functionalities
- Deployed applications to Firebase and Heroku
- Collaborated with team members in a fast-paced, dynamic setting
- Developed progressive web and mobile applications using JavaScript frameworks Angular, Ionic, React, and React Native

## Contact

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w : https://lukewalt.me

## Bio

Software Engineer with a demonstrated history of working in the healthcare industry. Skilled in computational thinking as well as modernizing the tools and processes of software development. Passionate about utilizing technology to personalize healthcare.

## Education

*M.S. Information Systems Engineering*
**Johns Hopkins Universtiy** 2019 - Present

*B.S. in Business Administration and Management*
**Belmont University** 2011 - 2015

## Certifications

**The Linux Foundation**: Introduction to Kubernetes

**Coursera**: API Design and Fundamentals of Apigee API Platform

**Leadership Strategies**: Effective Facilitator

## Skills

Linux   Cloud Native Technologies

API Management   Azure DevOps

Object-oriented Programming