Luke Woodward
Software Engineer

Experience

Software Engineer, Office of the CTO
HCA Healthcare • Feb 2019 - present

- Represent the Office of the CTO promoting proper architecture, design, and engagement for all enterprise infrastructure and applications
- Contribute to architecture review governance process for enterprise deployments
- Assist in documenting and communicating technical direction and strategies for enterprise cloud and on-prem deployments
- Research and develop proof of technologies for potential use within clinical and healthcare environments

The Hub
- Co-created the enterprise architecture platform and oversaw development lifecycle
- Architected full PaaS environment in Azure
- Implemented Azure Functions as microservices for API layer
- Created React/Typescript SPA with integrated SSO
- Configured CI/CD pipelines in Azure DevOps for SPA and Azure Functions API across dev, qa, and production
- Leveraged NoSQL database Cosmos DB

Software Engineer
HCA Healthcare • Feb 2018 - Feb 2019

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

Software Engineer - *Contractor*
HCA Healthcare • Sept 2017 - Feb 2018

- 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

Contact

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w : https://lukewalt.me

Bio

Software Engineer with a demonstrated history of working on innovative products. Skilled in computational thinking, cloud computing, and data infrastructure. Passionate about data driven systems that deliver insights and analysis.

Education

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

B.S. Business Administration & Management
Belmont University   2011 - 2015

Certifications

The Linux Foundation: Kubernetes Fundamentals

Microsoft: Azure Fundamentals

Coursera: API Design and Fundamentals of Apigee API Platform

Leadership Strategies: Effective Facilitator

Skills

Cloud Architecture   API Development

Python   SQL   Linux

Typescript   Frontend Engineering