Luke Woodward

Software Engineer

Experience

SOFTWARE ENGINEER

HCA Healthcare • February 2019 - 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

The Hub

- Architected internal product platform in Azure PaaS environment for HCA Healthcare to align the business and technical information for product development and lifecycle management
- Implemented API utilizing Azure Functions in microservice architecture
- Created React frontend utilizing hooks
- Leveraged Cosmos DB as database
- Configured CI/CD pipelines in Azure DevOps for frontend client and Azure Functions API

SOFTWARE ENGINEER

HCA Healthcare • September 2017 - February 2019

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

CI/CD Pipelines   SQL   React

PaaS Architecture   API Management