Kelly Rhodes

Web Application Developer &
Project Manager

karhodes
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www.kellylovescode.com

Profile

Full Stack Web Application Developer with 10+ years experience as a technical project manager. Passionate about the internet of things, databases and application architecture. Proven ability to coordinate cross-functional teams.

Industry Experience

IGIFU

Gif-based Q&A game for mobile devices

- Developed backend API with Node / Express
- Created database schema in Mongoose hosted on mLab
- Deployed single page AngularJS application to Heroku to collect content for app
- Developed requirements specification

KITTY KIBBLE DISPENSER

RFID-enabled cat food dispenser with web interface

- Modified motion-controlled candy dispenser to integrate with Arudino board.
- Wrote C++ program for Arduino to control dispensing of kibble.
- Integrated RFID identification of cats.
- Incorporated LCD display to greet approved cats or to alert unapproved cats.
- Included ethernet connection to log cats via sparkfun.com with a PHP web interface.

Education

BS, Web Design & Development
Full Sail University
2014 - 2016

MS, Mechanical Engineering
University of Florida
1998 - 2001

BS, Physics
Rollins College
1994 - 1998

Expertise

- Full Stack Development
- Databases
- Systems Engineering
- Project Management

Technologies

MySQL · MongoDB · Express
AngularJS · NodeJS · Javascript
HTML · CSS · SASS · Gulp · jQuery
ReactJS · ReactNative · PHP · Git

Certifications

Project Manager Professional
Project Management Institute
June 2013

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Professional Experience

PROJECT MANAGER

Faro Technologies / 2015 - Present

- Coordinated mechanical, electrical, firmware and systems engineering teams for new product development project
- Identified deliverables and worked with engineers to breakdown specific tasks in order to meet critical schedule milestones
- Identified and resolved cross-team technical issues
- Developed verification plan to ensure all specified requirements were met

PROJECT MANAGER & MECHANICAL ENGINEER

Sandia National Labs / 2001 - 2013

- Managed $20M R&D program for the Department of Defense
- Developed and executed systems engineering based project plans for internal & external customers
- Created & presented technical educational materials for MEMS design
- Designed & tested electro-mechanical systems