



# Kodie Grantham

## Senior Software Engineer Contractor

Pleasant Hill, Iowa

### Contact

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### Links

Website: [kodiegr.com](http://kodiegr.com)

GitHub: [github.com/kodie](https://github.com/kodie)

LinkedIn: [linkedin.com/in/kodie](https://linkedin.com/in/kodie)

### Skills

#### Languages

Bash/Shell C++ C# CSS/SCSS Java  
 JavaScript/TypeScript MySQL PHP  
 Python Ruby Swift

#### Technologies

Apache HTTP Server Amazon AWS cURL  
 Docker Composer Electron Git  
 NodeJS/NPM MongoDB React/React Native  
 SSH Various APIs Various Build Tools  
 Various Frameworks/Libraries WordPress

#### Operating Systems

Android iOS Linux (Various Distributions)  
 macOS Windows

### Projects

**wp-boilerplate**  
[github.com/itsahappymedium/wp-boilerplate](https://github.com/itsahappymedium/wp-boilerplate)

A straightforward yet powerful Dockerized boilerplate for new WordPress sites, featuring configuration file encryption, deployment tools, and custom utilities for downloading frontend libraries and compiling/minifying SCSS and JavaScript.

### Introduction

👋 Hi there, I'm Kodie—a father, musician, tinkerer, and software engineer. With nearly 20 years of coding experience, including a decade professionally, I've developed websites (both backend and frontend), mobile applications, desktop software, APIs, build tools, plugins, add-ons, you name it.

When you're passionate about your job, it doesn't feel like work, and I truly love what I do.

### Experience



#### Happy Medium

Lead Engineer / Systems Administrator  
March 2016 - Current

- Engineering/Development Team Lead
- Head of IT
- Worked with clients in various fields including but not limited to eCommerce, Education, Medical, and Legal
- Developed websites for clients using a number of languages, frameworks, and platforms
- Received designs in Sketch and Figma and translated them into functional, mobile-responsive front-end code
- Implemented custom pieces of functionality that communicated with various APIs
- Built mobile applications for both Android and iOS for clients as well as internal products
- Created a number of custom, crucial, internal build tools
- Managed, configured, and maintained all Linux servers
- Prepared computers for employee use
- Configured load balancing for high traffic projects to insure high-availability
- Reviewed code pull-requests from other members of the development team
- Constructed systems, guides, and standards for the development team to follow
- Provided technical insight and advice to clients
- Consistently researched new and upcoming technologies



#### Happy Boards

Lead Engineer / Systems Administrator / Installer  
March 2016 - April 2023

- Developed and maintained custom Android-based firmware for a Digital-Signage product
- Created a system for updating custom firmware on devices remotely
- Went on-site to set up digital signage hardware for clients
- Managed and maintained the Linux servers that ran both the software and database
- Implemented custom APIs for pulling data from various social media networks
- Contributed to sales pitch meetings with potential clients
- Assisted client IT teams with getting devices working with their internal networks and firewalls



#### filebokz

[github.com/kodie/filebokz](https://github.com/kodie/filebokz)

A lightweight, dependency-free, highly customizable JavaScript file input module with features like drag-and-drop, image previews, file size indicators, and field validation.