



Kodie Grantham

Senior Software Engineer Contractor

Pleasant Hill, Iowa

Contact

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Links

Website: kodieg.com

GitHub: github.com/kodie

LinkedIn: linkedin.com/in/kodie

Skills

Languages

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


Technologies

Apache HTTP Server 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

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.

 **filebokz**
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.

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