

Professional Summary

- Full stack developer with 10+ years of experience
- Originally self taught, ability to quickly learn new technologies from documentation
- Experience training developers, and leading and working in teams

Experience

Warhog Financials | Lead Full-Stack Developer | 2015 – 2018, 2019 - 2020

- Took lead of development for a full stack web-based accounting application.
- Managed server deployment on AWS with docker and s3 backups
- Trained new developers
- Technologies: MEAN stack (Mongodb, Express, Angular, Node), Bootstrap, Grunt, docker, AWS, S3

Eden Farms | Seed to Sale Software Development | 2018 - 2019

- Developed custom full stack application for inventory management of Cannabis, also known as "seed to sale" software.
- Software collected data from employees about plant location, growth stages, and all relevant regulatory information. After validation data was uploaded to County regulatory system through browser automation.
- Maintained software through farming season until new regulations required new software next season.
- Technologies: React, CouchDB

Open Source Contributions | 2014 - present

- Frequent contributor to Open Source projects

- Author and maintainer of several packages for NixOS

Freelance Development | 2016 - 2022

- Created websites for several small businesses
- Collaborated closely with clients to develop the look and feel of the website together, including information organization and SEO
- Optimized websites Google Lighthouse score
- Integrated various CMS so clients could update website independently
- All sites hand coded with html, css, js, and appropriate frameworks
- Mostly JAM stack, on hosts such as netlify
- 2018 example: nouveau-jewelry.com

911 Enhanced | Android Developer | 2014

- Created a demo android application using Android Studio / Java that Provided a phone's location to 911 call centers via baudot code
- Showcased application at Launch Milwaukee (a hackathon)
- Technologies: Android native development (Java), audio signal programming

Skills

Development

Experienced with:

- Web Frontend: HTML, CSS, Javascript, popular frameworks and build tools
- Backend: Javascript (node/deno), Python
- Databases: MongoDB, CouchDB, Redis, PostgreSQL
- Systems: C, C++, Rust, debugging with *nix tools (gdb etc), some ASM
- OOP: Java, C#, Unity 3d, Android
- Functional: haskell, scheme, elisp, ramda

Linux / Unix

- 15+ years of Linux experience running on various servers and personal systems
- Maintainer for 10+ packages for NixOS
- Experienced with a variety of Linux distributions including NixOS, Ubuntu, Debian, Fedora, Silverblue, CentOS, Gentoo, Arch
- Experience with FreeBSD, OpenBSD, MacOS

Education

University of Wisconsin | Bachelor of Science in Computer Science | 2016-2018

- Learned Java using Eclipse
- Experienced using Java GUI (swing), and coding in a traditional Object-Oriented style

Milwaukee Area Technical College | Video Game Development | 2014-2016

- Developed a proficiency and implemented development methodologies such as Agile and Scrum, and tools such as the Kanban
 - Experienced working on a single piece of software with a team of 40+ people
 - Developed skills in technology such as C# and Unity3D
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