

Alex Hail



Full-Stack Developer - Digital Engineer - Audio Engineer & Producer - Business Developer

Highly adaptable, result oriented problem solver with 6+ years of professional web development, software engineering, and business development experience. A strong communicator with a proven track record of success, who excels in social situations and is able to quickly master new technologies and roles to achieve high caliber results in ample time. Motivated competitor, who is also coach-able, looking to obtain a senior role in a technically driven, professional development team or environment.

EDUCATION

B.Sc. Audio Engineering & Computer Science – Honors Graduate – 3.7 GPA

Middle Tennessee State University (MTSU) – Murfreesboro, TN
Cumme Laude & Deans List (Fall 2014 – Spring 2018)

EXPERIENCE

[Nov 2021 – Present]

Operations Manager @ B2E Automation Chicago, IL

- Managed day to day project operations of custom robotics solutions including budgeting, design aspects, project implementation, and engineering solutions
- Engaged in meetings with potential partners and vendors to discuss collaboration, integration, or plans for future projects
- Developed server-side tools and web apps using Python, Elixir, and Phoenix to automate processes for business data management and brand recognition

[Oct 2019 – Nov 2021]

Chief Technology Officer @ GrayBox Technology Goodlettsville, TN

- Designed and engineered a fully custom, module-based, customer-centered ERP framework solution in PHP7 and MySQL containing dozens of custom modules and systems for administrative tasks, greenhouse growing data analysis, and grow cycle calculations for farmers, vendors, and manufacturers of agricultural product
- Met in-office and on-site with current and potential customers to discuss needs and parameters for their green house, grow systems, and how our custom ERP solution could benefit their yields and prevent product loss
- Acted as the technical head of all web software and electronics software that integrated with our platform. Updated, maintained, and backed up proprietary code, as well as maintained company software up-time and efficiency on a daily basis

[Dec 2018 – Oct 2019]

Lead Web Designer @ Pattern Marketing, Inc. Chicago, IL

- Developed client-specified websites from scratch including asset collection, design, development, and production using LocomotiveCMS as a development platform
- Solved existing customer problems via our automated ticketing system, making changes to software where necessary
- Managed the entire process and throughput of client projects from project pitch, to design and development, to collection of payment for the service

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WEBSITE
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PROGRAMMING

HTML CSS JavaScript - - - - 7+ YRS

PHP MySQL - - - - - 3+ YRS

Ruby Ruby on Rails MongoDB - - - 2 YRS

C++ C# Java - - - - - 2 YRS

Elixir Phoenix PostgreSQL Python - - - - 1 YR

AUDIO

Ableton Live 12+ YRS

Music Sound Design 7+ YRS

Audio Eng Mixing 5+ YRS

Pro Tools 2 YRS

Multitrack - Recording 1 YR

TOOLS

Linux DigitalOcean SASS

Git NPM VueJS API

eCommerce Webpack AWS

MVC Node UI / UX JSON

ReactJS AngularJS jQuery

ERP Responsive Design TDD