
Matthew T. C. Boyea

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📍 Kansas City, KS

SOFTWARE ENGINEER

Software technology expert with 3 years of diverse experience harmonizing tech and business prerogatives to deliver quality products. Skilled at cultivating positive relationships and efficient communication. Demonstrates exceptional focus and organization, with consistency.

- **Front-End Web Development** HTML, CSS (Sass), JavaScript (Typescript, Webpack, React, Vue, Svelte, Solid, D3.js), WebGL (GLSL), Wordpress (Elementor)
 - **Database Administration** SQL (Postgres, Oracle), ORM (SQLAlchemy)
 - **Testing** TDD, unit tests
 - **Back-End Web Development** microservices (AWS Lambda), Node, Python
 - **Desktop App Development** Java, Assembly (x86), C++ (SDL2, SFML), C# (Unity)
 - **Devops** Docker, CI/CD IAC (AWS SAM), Linux, Makefile, Shell Scripts (Bash), CLI Tools
 - **Full-Stack Web Development**
 - **Project Management** Agile (Scrum, Kanban), Jira
 - **Digital Marketing** SEO, Product Placements, Call to Actions, Marketing Funnels
 - **GUI & HMI** responsive design, accessibility (ADA, WCAG)
 - **Embedded Systems** Schematics (Cars, 4 Wheeler), Robotics (FANUC TP, Arduino)
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EXPERIENCE

Full-Stack Software Engineer for *Smart Warehousing LLC* 05/22 - 05/23

Worked with 2 teams using microservices (AWS, DataDog, Auth0) and Web UI Frameworks (React, Vue) to create cross-platform 3PL (third-party logistics) software for managing warehouse operations.

- Developed a mobile-friendly real-time GUI that visualized **tens of thousands of data points** on a map.
- Introduced standards (Vue Style Guide, Callback Hell Guide) to produce maintainable code.
- Software sold to at least 2 external companies.
- Revised GitHub PRs & used SemVer to improve QA.

Robotics Education Researcher for *FHSU* 03/21 - 12/22

Conducted a case study to integrate industry robotics programming standards into university curriculum.

- Presented findings to **100+ attendees** at SACAD.
- Demonstrated benefits of project-based learning.

Robotics Consultant & Programmer for *NeySEA LLC* 06/21 - 05/22

Provided consultation and programming services for an industrial robotics implementation. Helped bring robot manufacturing solutions to an untapped market. Under NDA.

Frontend WordPress Developer for *Webcom Resources LLC* 01/19 - 04/19

Designed websites using WordPress (Elementor) for local businesses and governing agencies.

- Improved online visibility & conversions of **4 clients**.
 - Practiced branding, graphic design & SEO.
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EDUCATION

Bachelor of Science in Computer Science at *FHSU* 08/20 - 12/23

Graduated from University *3 years early* while developing career, ideals, health, discipline, and skills.

KAMS Certificate of Completion at *FHSU* 08/20 - 05/22

Full-time university enrollment and scholarly research for concurrent high school credit.

High School Diploma at *PRHS* 08/18 - 05/22

Self-taught programming with C++ & C#, with a focus on developing software tools and video games.