

John Mark Mathews

Oklahoma, USA

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U.S. Citizen | Born: 1984

Professional Summary

Full-stack developer with over 20 years of experience designing and implementing custom web applications, e-commerce platforms, and internal business systems using PHP, MySQL, JavaScript, HTML, and CSS. Skilled in system integration, API development and integration, and infrastructure projects, including fiber optic networks and solar power systems. Proficient in multiple languages (Spanish, Romanian, others) with a proven ability to adapt to diverse technical and cultural environments.

Technical Skills

- Languages/Frameworks: PHP, JavaScript, HTML, CSS, Python, AJAX
- Databases: SQL, flat-file
- Platforms: Windows, macOS, Linux, ChromeOS
- Tools: Google Maps API, Instagram API, transactional email libraries, Financial Merchant APIs for CC processing
- Other: Fiber optic network installation, solar power systems, water system design, hardware troubleshooting

Professional Experience

Freelance Full-Stack Developer | 2006 – Present

- Internal Back Office Software (2007 – Present): Developed and maintained a comprehensive customer management system for Level13 Apparel, handling invoicing, expense tracking, financial reporting, and production scheduling. Built using PHP, MySQL, JavaScript, HTML, and CSS.
- Pop-up Event Merch Store (gillette.l13apparel.com): Created a custom e-commerce platform, integrating a merchant account API for online credit card processing, with a backend for product management, order tracking, and manual refunds. Eliminated third-party platform fees.
- Head Auctions (headauctions.com): Built a website to manage live and online auctions, including a custom script to scrape and import inventory from a third-party platform without a public API. Enabled seamless content management for auction listings.
- Vireo Living & AXLE (vireoliving.com, youraxlelife.com): Developed white-label websites using PHP, JavaScript, and AJAX. Implemented a custom MicroCMS with flat-file storage for easy maintenance, integrated Instagram and Google Maps APIs, and supported transactional email functionality.
- Great Western Auction (greatwesternauctioneering.com, 2006 – Present): Designed and maintained a database-driven website with a content management interface. Provided desktop publishing services (print ads, brochures, flyers).

Miracle Meadows School, Volunteer | Moyers, OK | 2007 – 2010

- Installed a campus-wide fiber optic network and digital phone system, reducing telephone lines from 19 to 4 and enabling high-speed internet and call transfers. Managed research, procurement, and physical installation.
- Performed administrative tasks, including computer and office support for the director.

Other Technical Projects

- Solar Power System Upgrade (2025): Installed an EG4 ChargeVerter for a client's PV solar system with 48V LiFePO4 batteries, enabling reliable charging from a backup generator. Repaired two failed batteries by replacing BMS boards, saving significant costs.
- Rural Water System Design: Engineered a multi-stage water system with ozone generators, venturi injectors, and settling tanks. Implemented float switches to automate water flow and protect pumps, ensuring reliability in sub-zero conditions.

Education

General Equivalency Diploma (GED) | Adult Education Center, Fort Worth, TX | 2002

- Completed three years of high school and three semesters of college coursework. Admitted to university based on high ACT scores.

Languages

English (Native), Spanish (C1), Romanian (B2), Ukrainian (B1), Bulgarian (B1), Russian (A2), Turkish (A2)

Additional Skills & Interests

- Practical trades: Electronics, auto-mechanics, plumbing, carpentry
- Language acquisition: Rapid learner, capable of achieving conversational fluency within one year in immersive environments