Matt Clark, Senior Software Engineer

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Dynamic Front-End Engineer with extensive experience in web application development and performance optimization. Led migration projects from AngularJS to Vue 3, enhancing application performance and security. Expert in creating responsive designs and improving user experience. Specialized in Agile methodologies and component library creation, delivering high-quality solutions that drive business goals.

Skills

Vue, AngularJS, React	JavaScript, TypeScript	HTML
CSS, SASS	Bootstrap, Tailwind	Jest, Cypress, Storybook
GIT	MySQL, PostgreSQL	Vite, Webpack
UX Design	PHP	Next.js, Nest.js, Node.js

Professional Experience

Freelance │ 02/2013 - Current
Software Engineer

Backend development in Typescript/Node.js, PHP, MySQL and PostgreSQL. Front-end development using React/Next.js, Vue, JavaScript/Typescript, HTML, CSS/SCSS, and Tailwind. Applied accessibility standards, progressive enhancement, and responsive design principles.
- Remaining current with design patterns and frameworks.
- Delivered responsive websites enhancing user experience.
- Ensured code quality and version control with GIT.

XYPRO Technology Corporation │ 04/2018 - 05/2025
Senior Software Engineer

Developed new features for XYGATE SecurityOne application (XS1), enhancing both front-end and back-end. Spearheaded shared component library creation with Vue 2, upgraded to Vue 3. Migrated XS1 from AngularJS to Vue 3, improving performance and reliability. Authored and maintained documentation using Storybook and Confluence, covering architecture, design, and coding practices.
- Mentored mid and junior level developers through code review.
- Collaborated with QA and BA teams to identify and resolve technical challenges.
- Supported testing processes using Jest and Cypress.

New Idea Software │ 04/2014 - 04/2018
Front-End Developer

Led development and maintenance of precision agriculture and drone imagery analysis web applications using Foundation, AngularJS and MapBox. Supported marketing websites aligned with web applications. Executed Agile sprint-based development to enhance application features.
- Performed field testing for device control and offline capabilities.

- Advised product and design teams on accessibility and user experience.
- Mentored junior developer in using JavaScript to enhance GIS-related features.

Happy Cog | 12/2009 - 01/2013
Developer

Created websites using HTML, CSS, JavaScript, and jQuery. Employed accessibility, progressive enhancement, and responsive design techniques. Configured and customized content management systems with ExpressionEngine. Developed web applications using CodeIgniter, PHP, and MySQL.
- Streamlined project code management with SVN and GIT.
- Enhanced user experience through responsive web design.
- Improved website accessibility via progressive enhancement.

Airbag Industries | 01/2009 - 11/2009
Developer (Contractor)

Developed websites using HTML, CSS, and JavaScript. Implemented content management with ExpressionEngine. Created web applications using CodeIgniter, PHP, and MySQL. Collaborated with teams to ensure functionality and design alignment.
- Integrated Twitter API with CodeIgniter back-end for e-commerce application.
- Spearheaded website production with modern web technologies.
- Customized content management systems to improve usability.

International Front | 01/2008 - 06/2009
Web Producer

Oversaw web production processes and project timelines. Collaborated with designers and content writers to deliver quality digital content. Managed content updates and site functionality to enhance user experience. Monitored web performance metrics for continuous improvement.
- Managed multiple web projects using cPanel.
- Developed a custom content management system with PHP and MySQL.
- Championed content strategy, boosting site engagement.

IGN Entertainment | 04/2006 - 01/2008
Associate Web Producer

Oversaw web production processes for IGN Entertainment. Collaborated with cross-functional teams to create engaging content. Managed project timelines and ensured quality of deliverables. Supported digital marketing initiatives to drive audience engagement.
- Developed content strategies that increased user engagement.
- Designed and developed websites and advertising content.
- Monitored web analytics to inform content decisions.

Education

The Art Institute of California - Orange County

Bachelor of Science, Interactive Media Design | 2004 - 2007