Kyle Levitan

Senior Web Engineer | kylelevitan.com

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EXPERIENCE OVERVIEW

- Skilled in object-oriented programming with Drupal, Symfony, and relational databases
- Well-versed in TypeScript and JavaScript frameworks like Next.js, Vue, and React
- Extensive experience with REST and GraphQL APIs
- Proficient in building and maintaining Atomic Design systems (Storybook, Pattern Lab)
- Strong expertise in HTML, CSS, SASS, Tailwind CSS, and modern JS tools (Node.js, NPM/Yarn, Gulp, Webpack, Babel, Vite)
- Proficient in Unix/Linux CLI and Docker tools (Docker Compose, Lando, Docksal)
- Experienced with CI/CD workflows using Bitbucket, GitHub, GitLab, and CircleCI
- Strong knowledge of Git version control and collaborative workflows
- Skilled in E2E and Visual Regression testing with Cypress and Backstop

Urban Insight | Senior Web Engineer

NOVEMBER 2020 - NOVEMBER 2024

In my role as a senior full-stack engineer at Urban Insight, I lead teams ranging from 3 to 5 developers in architecting and delivering custom solutions for high-profile clients, focusing on rebranding and improving client and customer workflows. I played a pivotal role in overhauling the company's development process, enhancing local development, deployment pipelines, agile workflows, and departmental policies to boost efficiency and ensure quality.

Medical Institute Project

- Developed a high-performance, visually rich database for high-resolution imagery and video, designed as a community-driven contribution platform
- Utilized Drupal 10 for backend with Next.js (leveraging SSR) and GraphQL on the frontend, facilitating seamless data transactions and real-time updates
- Integrated an IIIF image server to enable advanced image rendering and zoom capabilities, delivering high-quality, interactive visuals while minimizing bandwidth usage
- Built within a Docker-based infrastructure, allowing scalable deployment and streamlined development

National Association Project

- Led a complex migration of 36 websites into one, consisting of 60,000 nodes and 125,000 user accounts, from Drupal 7 to Drupal 10, modernizing the backend and improving stability
- Designed a component-based theme and support for Layout Builder integrations to streamline content creation, enhancing editor efficiency and reducing content update times
- Overhauled the user interface to support streamlined workflows and optimized it for high traffic using in-memory caching tools such Redis, achieving a smoother and more engaging user experience

SUMMARY

Passionate problem solver with over 11 years in web development as a full-stack engineer, specializing in content management platforms such as Drupal, seamlessly integrating modern frontend frameworks like Next.js, Vue, and React to create dynamic, content-rich applications. Skilled at quickly grasping complex development concepts, I lead projects with a proactive, team-focused approach to consistently meet deadlines. With a creative mindset, I'm dedicated to challenging routine procedures to improve efficiency and quality across all aspects of development.

EDUCATION

UNC-Asheville | B.A. in Multimedia Arts & Sciences

Asheville-Buncombe Technical Community College | A.A. in Liberal Arts

CERTIFICATIONS

Acquia Certified Developer | Drupal 8 (2018)

Acquia Certified Frontend Specialist | Drupal 8 (2018)

SPEAKING ENGAGEMENTS

My-Great Migrate Experience | Drupal Camp Asheville 2018

Leveraging LeafletJS with Drupal 8 | Drupal Camp Asheville 2016

Phase2 Technology | Senior Developer

MAY 2018 - OCTOBER 2020

At Phase2, I collaborated with high-profile clients to develop tailored Drupal solutions, leading teams ranging from 5 to 10 developers while balancing backend and frontend tasks. My involvement spanned from the discovery and architecture phases through implementation and post-launch support.

Energy Department Project

- Co-led an advanced migration to Drupal 8, transitioning complex content structures to custom Drupal blocks and Paragraphs for improved flexibility and performance
- Enhanced Layout Builder functionality with custom plugins, enabling editors to create more dynamic layouts and improving overall user experience
- Designed component-based structures, achieving a cohesive, Atomic Design system that simplified structural updates and maintained brand consistency

News Network Project

- Directed and facilitated a complex migration of APIs into Drupal 8, successfully consolidating a fragmented API system into a cohesive and unified backend
- Leveraged Drupal REST and GraphQL APIs for backend services, enhancing data flow and enabling content syndication across platforms
- Integrated multiple third-party APIs, including Firebase, to significantly improve data management and reduce backend maintenance efforts