

Brian Millar

Software Developer

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SUMMARY

Full-stack software developer with 10+ years of experience in a broad range of technical areas with responsibilities in every stage of the web application lifecycle: design, development, deployment, infrastructure, security and administration. Experienced in pragmatic technical decision-making, modernising legacy systems and introducing best practices.

SKILLS

- Languages:** PHP, JavaScript, HTML, CSS, SQL
- Familiar with:** Java, C/C++, Python, TypeScript, Shell scripting, AI tools (e.g. Claude Code)
- Frameworks:** Symfony, Laminas, Bootstrap
- Databases:** MySQL/MariaDB, SQLite
- DevOps:** Docker, Ansible, GitHub Actions, Git, Linux

EXPERIENCE

Senior Developer | Optimum Results Aug 2017 – Present

- Lead developer of two large production web platforms.
- Led both platforms through multiple PHP version upgrades from 5.6 to the present and framework migrations from Zend Framework 2 to 3 then to Laminas, and finally, to Symfony.
- Introduced automated testing, coding standards, static analysis and automated builds.
- Containerised both platforms with Docker and codified the infrastructure in Ansible.
- Performed systems administration for both platforms: Linux servers, deployments, backups and monitoring.
- Performed various other general IT tasks from support to WordPress site administration.

Software Developer (Work Experience) | Obelisk Sep 2016 – Dec 2016

- Built frontend and backend features for an internal .NET application with a large MariaDB database.
- Automated frontend testing with a Java Swing tool driving Selenium WebDriver; built a LaTeX PDF report generator.

EDUCATION

BSc in Computing in Software Development | Dundalk Institute of Technology 2013 – 2016

FETAC Level 5, Multimedia & Web Development | Cavan Institute 2012 – 2013

PERSONAL PROJECTS

PipeNode 2026 – Present

- Visual, node-based tool for building and running computing workflows, built in TypeScript and Vue.js.

eXastum 2011 – 2017

- Built a web-based desktop environment with a built-in suite of apps using then-new HTML5 technologies.
- Downloaded 10.5k times, referenced in articles by several major websites and cited in a Master’s thesis.

MORE INFORMATION

More detail on any of the above, and the latest version of this CV, can be found at brianmillar.dev.