Trafford Fewster

Software Engineer

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Summary

Software Engineer with 3+ years of experience in web development working with PHP content management systems and Laravel applications. Proven ability to develop and maintain websites and applications using a variety of programming languages and frameworks. Strong problem-solving and analytical skills. Excellent communication and teamwork skills.

Skills

Development: PHP (Laravel & Yii), CraftCMS, Javascript, Vue, Nuxt, CSS & Tailwind

Database: MySQL & Redis

DevOps: Python & Github Actions

Infrastructure: Ubuntu, NGINX, AWS (EC2, RDS, S3, Route53, WAF & Cloudfront) & Cloudflare.

Testing: PHPUnit & Vitest (Jest Syntax)

Tools: Algolia, Composer, NPM, Prettier & Github Copilot

Experience

CAVU

February 2025 - Present | PHP Engineer

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Payment Assist LTD

February 2024 - January 2025 | Software Developer

- Reworked frontend assets to use build process to remove duplicate source code allowing for a much better developer experience and reduced frontend bundle size due to built in minification.
- Updated a model to work using an <u>EAV</u> model rather than a JSON sql field.
- Improved test coverage in a large critical code base by 10%.
- Started re-writing our auth solution to be more centralized and support modern standards such as pass keys.

DestinationCore

March 2023 - January 2024 | Software Engineer

- Rebuilt our business login Craft CMS plugin allowing hundreds of individual businesses to maintain their page content with a review process for the site admins.
- Maintained and added connections to our Laravel serverless Availability Search Engine providing users with more
 options and details when looking for accommodation or experiences on our sites.
- Supported outsourced development resources with any problems they had with our projects or infrastructure.

January 2022 - March 2023 | Junior Full-Stack Developer

- Created and maintained multiple Craft CMS websites (Visit Peak District, Newcastle New Adventures, Visit York).
- Improved performance by around 20% through investigation of queries and implementation of strict eager loading.
- Developed the front end for our in-house availability search, enabling users to view the availability of properties or experiences at the destination.
- Helped coach other Junior developers to bring them up to speed with our code bases and processes.

Netmatters

March 2021 - January 2022 | Trainee Web Developer

- Completed intensive, tailored training program under the guidance of senior web developers.
- Studied front-end and back-end development, including UI/UX design, object-oriented programming, and databases.
- Created company and employee portal in Laravel with the ability to assign employees to companies and edit properties.
- Recreated Netmatters homepage using HTML and CSS, showcasing various features and methods.

Jungle Servers

February 2018 - December 2020 | Founder/Developer

- Led a team of volunteers responsible for moderating the server and providing support to users.
- Gained hands-on experience developing and monetising a production product.
- Communicated with users about upcoming changes and received feedback.
- Implemented changes and updates based on user feedback to improve the product and user experience.

Projects

You can find a list of projects I have worked on on my portfolio @ https://trafford.dev