**Will Midgette**

**Full Stack Developer**

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| [**GitHub**](https://github.com/wamidgette) | [**LinkedIn**](https://www.linkedin.com/in/will-midgette-5399a3189/) | [**Portfolio**](https://willmidgette.com/) |

Professional Summary

Full-stack developer with a background in engineering and project management. Experience developing scalable, data-driven web applications with JavaScript, Node.js, PHP and other languages and frameworks. Passion for providing business solutions with a combination of aesthetics and functionality.

Technical Skills

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| * CSS/HTML * Sass/Scss * Responsive design * JavaScript * SuiteCloud development framework (NetSuite) * Node.js | * React.js * PHP * SQL * Object-oriented programming (OOP) * Git version control * SEO |

Work Experience

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| **Full-Stack Developer**, **Pliteq Inc.** |  | February 2022 to Present |

* Design and development of company web applications
* Deployment of web applications on AWS EC2 running Ubuntu or Amazon Linux
* Create new and improve existing features in Laravel application for sharing company research with employees and engineering consultants
* Design and develop internal full-stack JavaScript applications in Vue and/or React and Node.js
* Develop client and server side SuiteScripts to automate company processes in Netsuite
* Integration of JavaScript applications with NetSuite to build internal custom tools for company employees
* Develop Netsuite to 3PL integrations with BOOMI for sales orders and transfer orders, mapping data between XML and EDI

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| **Full-Stack JavaScript Developer Intern, Bird&Be** |  | October 2021 to January 2022 |

* Worked under a senior developer to build and modify features for company website
* Developed the new product recommendations webpage from start to finish using React.js functional components, and API methods within Next.js framework
* Implemented Swiper and PhotoSwipe APIs to create carousels and modal image galleries for products
* Developed API methods for fetching data from BigCommerce endpoints
* Optimized page load times by looking for opportunities to send HTTP requests in parallel
* Used skills in Sass to minimize CSS code and reduce number of media queries
* Reproduced mockups from the design team using skills in CSS grid, flexbox, animations, etc.
* Collaborated with designer, advising on development restrictions while proposing alternative solutions

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| **API Developer, JBox Creative** |  | September 2021 to present |

* Created WordPress endpoint for hotel rental company allowing them to update all hotels on their website daily through a single POST request
* Developed function to convert request body data to JSON and store in archive at dynamically routed locations for easy future reference
* Developed function to update custom fields and taxonomies of WordPress posts from JSON data – when a post does not exist in the database, a new one is automatically created and populated

Education

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| **Cert., Web Development, Humber College** |  | September 2020 to October 2020 |

* One-year graduate certificate focused on building skills in web development. Focus on PHP, JavaScript, MySQL, HTML, and CSS

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| **B.Eng, Civil Engineering & Co-op, McMaster University** |  | September 2013 to April 2019 |

* Five-year engineering and co-op degree program focused on structural, geotechnical engineering

NetSuite Integrated Web Applications

**NetSuite Photo Upload Application**

* Goal: reduce need to tag products with material shipment information printouts by uploading image of product data sheets to NetSuite
* Solution:
  + - * React.js application static build hosted on NetSuite. User simply enters a work order number, which searches for the USB camera on the device and starts a media stream.
      * User lays out their paper documents in the frame, then clicks “Capture Image.” This pauses the video stream and takes a snapshot of the frozen image using the html canvas element.
      * Image sent as Base64 encoded URL string to custom NetSuite RESTlet endpoint. String converted to .jpg file and attached to NetSuite work order for future reference

JavaScript Projects

[**Explore Cities Project**](https://explore-cities.vercel.app/)– **Helps users evaluate cities based on criteria of their choosing**

* React.js application utilizing Google Maps API, Teleport API, and Chart.js
* User selects topics of interest for which they would like to see data
* Google Map object loads, and GET request is sent to Teleport API for all cities in their database
* For each city returned, Google Map marker is created with Onclick trigger
* When a city marker is clicked by the user, another GET request is sent to Teleport API for city data based on user’s selected preferences
* City data is graphed for user in three categories: “Salaries”, “Statistics”, and a general city “Report”

**To see more of my projects, please visit:** [**willmidgette.com/projects**](https://willmidgette.com/projects)