

# Maximillian May

Full Stack Software Engineer

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## PROFICIENCIES

**Proficient** | JavaScript, React, Node.js, MongoDB, Express, Tailwind, Heroku, Netlify, Three.js, React Three Fiber

**Prior Experience** | Java, C++, Objective C, React Native, Ruby on Rails, Vite, PostgreSQL, D3.js, Python, OAuth

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## EXPERIENCE

**SpinCycle** | Lead Engineer & Founding Developer | 2023 - Current | Boston, MA

- In charge of building the SpinCycle codebase from the ground up
  - Led meetings with business executives about infrastructure and scalability of the application
  - Consuming several SaaS applications and API's to build pickup and delivery systems for the city of Boston
  - Developed a strong design language that will influence the future look and feel of SpinCycle
  - Leveraged Agile development methodologies to ensure timely and efficient delivery of features and improvements
  - Collaborated with product managers to develop a roadmap for future product features and enhancements
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## PROJECTS

**MyDr.** | A modern and sleek website for a chiropractors business

- Maintained constant communication to ensure client was happy with progress and final product
- Developed and designed a website using Tailwind CSS for a smooth user interface on any device
- Utilized React's component based architecture to create an easily maintainable codebase

**Spelling-Bee** | A challenging, fun to play, single-page application

- Developed a creative solution for a complex UI layout utilizing several node plugins
- Aggregated data using a third-party API to dynamically assemble a comprehensive word list

**art critic.** | A fun Social Media App where a user gives a quick review of random art from the MET Museum

- Built on the FLASK stack and a React front-end utilizing token-based authentication and full CRUD
- Designed with a primary focus on responsive, attractive, and intuitive user interface
- Integrated the MET API to pull an item from the collection, and wrote a function to check for an image
- Allows users read and write reviews by interacting with a REST API

**Trouvaille** | An application where users can plan a perfect day in any city

- A full stack web application using a decoupled MERN stack and token-based authentication featuring full CRUD
- Led a team using agile processes and issued tickets for a short, five-day development sprint
- Built a feature to dynamically render points-of-interest on a map using GeoLocator API and MapBox API

**Wordle 2** | A responsive SPA based on the viral game with new innovative features

- Engineered a system for users to share scores and challenge friends to solve the same word
  - Incorporated a system to track user usage statistics and display them in a popover modal
  - Features animations and colors to provide the user with visual feedback about how they are doing
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## EDUCATION

**General Assembly** | Software Engineering Immersive

- Intensive, twelve-week, 450+ hour program learning full stack software engineering
- Focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies

**Massachusetts College of Liberal Arts** | Bachelor of Science in Computer Science

Concentration in Software Development, *magna cum laude* | Minor in Information Technology

**University of Technology, Sydney** | Study Abroad | Sydney, Australia