james littlefielD

[jameslittlefield3@gmail.com](mailto:jameslittlefield3@gmail.com)

Kennesaw, Ga

404-272-1963

[LinkedIn](https://www.linkedin.com/in/james-littlefield-93037713b/)

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| Skills | |  |  |  |  | | --- | --- | --- | --- | | * Vue.js * Node.js * Express.js * JavaScript * TypeScript * Vuex/Pinia | * HTML * CSS * Sass * Vuetify * Bootstrap * Carbon-vue | * REST APIs * GraphQL * Hasura * Cloudant DB * NoSQL * UI/UX | * Git * NPM * ES6+ * Agile * Jira * Slack/Teams | |
| Summary | Versatile and detail-oriented Full Stack Developer with 7+ years of experience building, modernizing, and maintaining enterprise web applications using JavaScript (ES6+), TypeScript, Vue.js (Vue 2 & 3), Vuetify, Node.js, Express.js, and MongoDB. Proven track record leading front-end architecture, developing scalable APIs, and managing state with Pinia and Vuex. Skilled in upgrading legacy systems, optimizing Cloudant NoSQL databases, and ensuring global accessibility through internationalization. Adept at collaborating across cross-functional teams to deliver robust solutions for high-impact business use cases at IBM and 80 Acres. Passionate about clean code, performance, and usability in modern web development. |
| Experience | Kollacode – senior full stack engineer Sept 2023 – Present   * Served as a full stack developer on a new IBM application supporting the IBM Partner Plus Awards, enabling judges to nominate and vote on partner achievements. Built using Vite, Vue 3, Vuetify 3, and Nuxt.js. Led development of front-end architecture and reusable UI components, implemented robust form validation, and wrote Express.js APIs. Solely responsible for internationalization, making the application readable in 11 languages using vue-i18n. * Played a key role in upgrading multiple applications, transitioning from Vue 2, Vue CLI, and Vuetify 2 to Vue 3, Vite, and Vuetify 3. Led and contributed to the process of modernizing the front-end stack, improving performance, and enhancing user experience with the latest technologies. Also updated and optimized Cloudant DB (NoSQL) views and indexes, ensuring efficient data retrieval and adjusting them as needed to meet the evolving requirements of the upgraded applications. * Contributed to the development of the "Amenities" application used by IBMers globally to manage event details, including invitee countries, amenities such as gifts, travel, lodging, entrance fees, and meals. Utilized Vue 3, Vuetify 3, Node.js, and Pinia for state management. Led front-end architecture development, ensuring component reusability and a DRY codebase. Developed backend API routes to support front-end functionality and integrated external services. * Contributed to the back-end development of multiple projects by constantly updating, optimizing, and writing new API routes in Express.js using JavaScript ES6+ and TypeScript. Improved API performance through query optimization, caching, and route refactoring. Enhanced security and robustness by implementing input validation, error handling, and authorization checks. Ensured scalable and maintainable back-end architecture by adhering to RESTful principles and improving existing APIs to support complex data structures and external integrations.  Kollacode – full stack engineer Jul 2021 – Sept 2023   * Ensured compliance with IBM’s security and data privacy policies by aligning Vue.js, Node.js, and Express.js application design and deployment with internal audit standards. Collaborated with IBM project managers, designers, and developers to drive continuous improvements and deliver version upgrades for applications used globally by IBMers. * Wrote complex Cloudant DB queries, including views, indexes, and search operations, to support Express.js APIs with efficient filtering, sorting, and aggregation. This streamlined data handling and reduced API complexity across multiple applications, leveraging JavaScript ES6+ for improved syntax and functionality. * Upgraded UIs for various applications by replacing Bootstrap and Carbon-Vue components with Vuetify. Improved front-end architecture using DRY principles, enhancing user experience and developer productivity. Customized Vuetify’s Material Design styles to align with IBM's Carbon Design System by adjusting SASS variables and class overrides. * Served as lead front-end developer for an IBM event management app, upgrading it to version 2 using Vue 2, Vuetify 2, Express.js APIs, and IBM API services. Implemented features for event selection, XLSX import, data column mapping, bulk editing, marketing permissions, activity handling, and downstream data posting, with TypeScript for enhanced type safety and maintainability. * Led front-end development for CTEBA (Client Travel, Entertainment, and Business Amenities), built with Vue.js, Node.js, and Express.js. Maintained and enhanced modules for Admin, Event Manager, Sales, Specialist, and Legal departments. Fully implemented the Sales module, enabling customizable email confirmations with XLSX import and in-app sending. Collaborated with IBM teams to support 30+ languages. Built internal API routes and improved front-end architecture for scalability and maintainability, incorporating JavaScript ES6+ features for better performance.  80 Acres farms – software engineer Jun 2020 – Jul 2021   * Contributed to the development of several Vue.js and Node.js applications used at designated stations on the conveyor belt process for packaging and delivery. This included the integration of barcode scanning technology (NPM vue-barcode) to streamline the tracking and sorting of products, enhancing efficiency and accuracy in the packaging and shipping workflows. * Solely responsible for updating and modernizing the UI library of the monolithic Vue.js application, including migrating Vuetify from version 1.5 to 2.3, refactoring components for compatibility, and ensuring seamless integration with existing business logic and Vuex-based state management. * Executed routine updates on PostgreSQL and Hasura tables to scale the MRP system, maintaining data integrity and optimizing performance. Adjusted associated GraphQL queries and database relationships to support growing data demands and system responsiveness. * Collaborated with cross-functional teams, including Operations and R&D, to achieve key company milestones and project goals. Participated in requirements gathering, translating business needs into scalable solutions using Vue.js, GraphQL, and Node.js technologies. * Mentored junior developers by providing technical guidance, onboarding assistance, and code reviews. Contributed to the company’s growth from a Series A startup to Series B funding, supporting rapid scaling efforts including launching new production facilities in Cincinnati. * Utilized Jira for task management, sprint planning, and cross-department coordination. Employed Git for version control, conducting code reviews and maintaining clean commit histories as part of the development workflow.  80 Acres Farms – Jr. Developer May 2018 – Jun 2020   * Contributed to the design and development of a custom MRP (Material Requirements Planning) system tailored to the unique workflows of an indoor vertical farming operation. Addressed stages of the crop lifecycle including seeding, germination, light exposure, packaging, and distribution using a Vue.js application with centralized Vuex state management. * Collaborated closely with cross-functional teams, including designers, backend developers, and subject matter experts, to design, develop, and maintain high-quality applications. Contributed to the implementation of Express.js backend services, writing custom APIs to handle CRUD (Create, Read, Update, Delete) operations and optimizing GraphQL queries to interact with a PostgreSQL database, ensuring efficient data flow and integration between the frontend and backend systems. * Developed and implemented responsive user interfaces that work seamlessly across different devices and screen sizes. Used CSS media queries and leveraged Vuetify's responsive design components to ensure the legacy application was optimized for mobile, tablet, and desktop usage, improving accessibility and user experience across platforms. * Created and managed reusable UI components and libraries for the Vue.js legacy application, helping develop a front-end architecture that kept the monolithic application DRY and efficient. Implemented and adhered to design guidelines and standards, ensuring consistency and brand integrity across the application. * Utilized Jira for task management, sprint planning, and cross-department coordination. Employed Git for version control, conducting code reviews and maintaining clean commit histories as part of the development workflow. |
| Education | Georgia Institute of Technology, Full stack certificate - 2017 6-month immersive full-stack development course covered a range of technologies including front-end technologies such as HTML, CSS, JavaScript, jQuery, Bootstrap, and React.js, as well as back-end technologies such as Node.js, Express.js, MongoDB, MySQL, Command Line, and Git |