

ONLINE FISCAL BUDGET

Office of Budget Management

City of Boston

Jantcu architected the City of Boston's fiscal budget applications using Jekyllrb, GulpJS, and Drupal. This was the first time the city created a full digital version of their fiscal year budget books, available on web and mobile for constituents to explore in real time. The budget.boston.gov site displays recommended and adopted budget information to internal and external stakeholders and presents information across cabinets, departments, and programs using easy to understand data visualizations. This site integrates with an Access database using a JSON API to create over 1,600 unique pages that are displayed to users as mobile friendly webpages.



Jantcu's innovative approach combined Jekyllrb's static site generation for performance, Gulp for streamlined front-end workflows, and Drupal's robust content management capabilities to create a scalable, secure platform tailored to the City's needs. The API integration enabled up-to-date data synchronization with the Access database, empowering stakeholders with budget insights while maintaining accessibility (WCAG 2.1 compliance) and mobile responsiveness. This project not only enhanced transparency by making complex fiscal data accessible to the public but also streamlined internal processes for City staff, setting a new standard for municipal budget reporting. Jantcu's solution has been recognized for its user-centric design and technical excellence, fostering greater public engagement with Boston's fiscal priorities.

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