Joshua Paul
Stowe, VT
josh4044@gmail.com

Selected Project

Flyers.nyc | Creator & Developer

- Built and deployed a platform for discovering and sharing digitized street flyers across NYC neighborhoods, spanning a Ruby on Rails API, PostgreSQL database, Ember.js web application, and native SwiftUI iOS app.
- Implemented semantic search using on-device OCR to extract flyer text, OpenAI embeddings to vectorize flyer content and search queries, and pgvector to retrieve relevant results.
- Shipped account verification, photo uploads, content moderation, reporting, and blocking; manage deployment and App Store distribution.

Professional Experience

State of Vermont | Agency of Digital Services, Waterbury, VT | Applications Systems Developer IV — Aug. 2026 - Present

- Develop and support enterprise applications for State of Vermont programs, translating business and public-service requirements into maintainable technical solutions.
- Maintain and extend Salesforce applications using Lightning Web Components (LWC), Apex, SOQL, and declarative platform tools.
- Troubleshoot public-facing digital forms and application workflows across front-end components, application logic, and platform configuration.

TBWA\Media Arts Lab, Los Angeles, CA | Full Stack Software Engineer — Sept. 2019 - April 2026

- Built and owned a Ruby on Rails, Ember.js, and PostgreSQL platform for budgeting, finance, and compliance across multiple international offices, replacing Excel and email workflows and serving as the system of record for Apple advertising production budgets.
- Developed a web-based budgeting spreadsheet and approval workflow, ensuring only approved budget revisions flowed into official finance and client reporting.
- Maintained an ETL pipeline syncing financial estimate data from Microsoft Dynamics 365 into the Rails application, troubleshooting data quality issues to support accurate client reporting.
- Maintained and extended Adobe Acrobat Sign API integrations for NDA and disclosure workflows across localized document variants, and supported production and finance teams worldwide.

BOND Creative, Los Angeles, CA | Front End Web Developer — July 2017 - June 2019

- Produced high fidelity web marketing assets for movie and video game studios.
- Built features for an in-house project management web app.

FocusVision, Portland, OR | Full Stack Software Engineer — July 2014 - July 2017

- Collaborated with research teams to develop and support web platforms for qualitative and quantitative market analysis.

Education

University of Connecticut, Storrs, CT | Bachelor of Science in Business December 2013