

# Emmanuel Jose

Software Engineer

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- Full Stack Software Engineer experienced in Ruby, Rails, and JavaScript-based programming.
- 10+ years experience in art and illustration, with background in psychology, biopharmaceuticals, and crowdfunding.
- Focused on intentional ideation and research to build excellent products that empower users and personnel.

## Technical Skills

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React, Rails, JavaScript, TypeScript, C#, Next.js, SQL, PostgreSQL, Git, HTML, CSS, Photoshop, Lightroom, Sanity CMS

## Technical Projects

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### Start Asian Love

[Github Repo](#) • [Video Demo](#) • [Live Site](#)

- A collaborative #StopAsianHate website launched in response to anti-Asian hate and violence.
- Implemented News API to fetch news relevant to the Asian American and Pacific Islander community.
- Developed 3 databases of anti-racism, education, and event resources for the AAPI community and allies.
- Built on Next.js for frontend and Sanity CMS for backend management, with Sass styling and Vercel deployment.

### Global Metrics

[Github Repo](#) • [Live Site](#)

- A Next.js app that fetches from the REST Countries API.
- Users can browse, filter, sort, and search 250 countries, regions, sub-regions, and territories.
- Designed for responsiveness, light and dark modes, color blindness, and vision deficiencies.
- Optimized accessibility for keyboard-only navigation with enhanced usage of CSS focus states.

### Speech Recognition Keyboard

[Github Repo](#) • [Live Site](#)

- A virtual keyboard with speech recognition capabilities.
- Incorporated Web Speech API for speech-to-text dictation.
- Enhanced responsiveness and functionality with English and Russian language modes.
- Implemented photorealistic CSS to emulate the appearance of an Apple magic keyboard.

### Bombastic

[Video Demo](#)

- An e-commerce app inspired by [www.bombas.com](http://www.bombas.com) and their business model of one purchased = one donated.
- Employed the Stripe API to handle mock credit card transactions.
- Rendered interactive product images to replicate the Bombas.com user experience.
- Utilized Auth, JSON Web Tokens, and localStorage to store encrypted user information client-side.
- Created a Ruby on Rails back-end API and a React/Redux front-end with complete cart functionality.

## Experience

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### Freelance Artist and Illustrator

Raleigh, NC, and New York, NY • 12/2010 - Present

- Managed three successful Kickstarter campaigns totaling over \$100,000 to produce self-designed decks of cards.
- Orchestrated fulfillment of backer orders from over 30 countries ahead of schedule by 6 to 12 weeks per campaign.
- Amassed over 13,000 Instagram followers through content creation, social media engagement, and mastery of paper-cutting art and animal portraiture.

### Grifols - Lab Support Technician

Raleigh, NC • 11/2007 - 12/2012

- Reduced department turnaround time by 60% through troubleshooting, streamlining of workflow processes, and management of department schedules.
- Trained colleagues in four departments in the areas of data entry, accessioning, pipetting, and laboratory protocols.

## Education

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### Flatiron School

New York City, NY • 07/2020 - 11/2020

Chosen by the NYC Tech Talent Pipeline as one of 75 full scholarship recipients in a Web Development Fellowship for underserved and underrepresented talent in tech.

### Davidson College

Davidson, NC • 08/2002 - 05/2006

Bachelor of Arts in Studio Art, Bachelor of Arts in Psychology.