

Emmanuel Jose

Software Engineer

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- Punctilious, neurodivergent software engineer with a background in art, biopharma, and crowdfunding.
- Focused on ideation, accessibility, and collaboration to build resilient products that empower all.

Technical Skills

- **Languages:** JavaScript, HTML, Markdown, CSS, SQL, Ruby
- **Libraries and Frameworks:** React, Next.js, jQuery, Ruby on Rails, Bootstrap, Styled-components
- **Tools:** Git, Vercel, PostgreSQL, Sanity CMS, Adobe Creative Suite, Microsoft 365, Google Workspace

Technical Projects

Start Asian Love – #StopAsianHate

[Github](#) • [Live Site](#)

- Collaborated in a 4-person team to build an advocacy website with a Next.js and Sanity CMS architecture.
- Implemented News API to generate a multi-page feed of news relevant to the Asian American community.
- Developed 3 databases of anti-racism, education, and event resources for the AAPI community and allies.

Wordle 2

[Github](#) • [Live Site](#)

- Modified the Wordle source code to enable unlimited play and achieved full progressive web app status.
- Enhanced accessibility and reorganized structure for greater separation of concerns and maintenance.
- Increased Web.dev and Chrome Lighthouse performance scores by 13% in desktop and mobile devices.

Global Metrics

[Github](#) • [Live Site](#)

- Utilized Next.js with the REST Countries API to search, sort, and present 250 countries and territories.
- Designed interface attentive to vision impairment, with light/dark modes and color blind friendly palettes.
- Improved accessibility and responsiveness for keyboard-only navigation through optimized focus styling.

Bombastic

[Backend](#) • [Frontend](#) • [Demo](#)

- Built an e-commerce app with a React and Rails architecture, with Stripe API usage and cart functionality.
- Employed Auth, JSON Web Tokens, and localStorage to securely encrypt user information client-side.
- Constructed a 1000-line API of 52 products and 225 images, utilizing Adobe software and Semantic UI.

Experience

Freelance Artist and Illustrator

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

- Thoroughly processed transactions and orders for over 2,500 customers, patrons, and stakeholders.
- Raised over \$100,000 through successful management of Kickstarter and BackerKit campaigns.
- Fulfilled all backer orders from over 30 countries ahead of schedule by 6 to 12 weeks per campaign.
- Illustrated and published children's book *Boris the Christmas Tarantula* in hardcover and ebook formats.

Grifols - Lead Lab Support Technician

Raleigh, NC • 11/2007 - 12/2012

- Reduced turnaround time by 60% through troubleshooting, process optimization, and project oversight.
- Trained colleagues in 4 departments in the areas of laboratory, cold room, and warehouse protocols.

Education

Flatiron School

New York City, NY • 07/2020 - 11/2020

Chosen by the NYC Tech Talent Pipeline as one of 75 scholarship recipients in a Web Development Fellowship.

Davidson College

Davidson, NC • 08/2002 - 05/2006

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