

# JESSICA YAU

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An enthusiastic and self-motivated Software Engineer based in Boston, MA. Experienced in designing and building user-friendly full-stack web applications from conception to deployment. Highly adaptable and capable of finding efficient solutions to problems while working effectively in team-oriented environments.

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## TECHNICAL SKILLS

**Programming Languages** - JavaScript (ES6+), Python 3, SQL, HTML, CSS/Sass

**Libraries/Frameworks** - Django, Django REST Framework, Flask, React, Redux, Gatsby, Styled Components, Bootstrap

**Tools** - Firebase, NPM, Git, Netlify, Heroku

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## PROJECT EXPERIENCE

**Envisioned - Color palette visualizer and generator** - [Live Preview](#) | [Source Code](#)

- Built with JavaScript, React, Redux, Firebase, and Styled Components
- Designed and developed a color palette inspiration web application to visualize curated and custom color palettes in context to get an idea of how the colors could be used together for light/dark modes, as gradients, or as text and background color combinations

**Potted - E-commerce plant shop** - [Live Preview](#) | [Source Code](#)

- Built with JavaScript, React, Redux/Redux-Saga, Firebase, and Styled Components
- Designed and created a fully-responsive e-commerce website featuring products with details pages, an editable shopping cart and checkout page, a favorites page, payment processing handled by Stripe, and Google/email account creation and login

**Blog - Blog website** - [Live Preview](#) | [Source Code](#)

- Built with Python, Django, PostgreSQL, Bootstrap, CKEditor, and AWS S3
- Designed and developed a fully-functional blog with Django that supports CRUD operations (create, read, update, and delete blog posts) and features user authentication, an admin dashboard, user commenting, a WYSIWYG rich text editor, and image uploads

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## PROFESSIONAL EXPERIENCE

**MANA Products**, Long Island City, NY

**Chemist II, Research and Development**

October 2018 - August 2020

**Chemist I, Research and Development**

October 2014 - October 2018

**Junior Chemist, Research and Development**

March 2013 - October 2014

- Researched, developed and tested powder cosmetics
- Worked on product development requests, shade matching, formulating, stability tests, and adjusting production batches
- Collaborated with contracting clients, product developers, and account managers to achieve cost-effective and innovative products
- Partnered with cross-functional teams to develop and modernize methods for the commercialization of new development projects
- Communicated with vendors regarding raw materials specifications, discrepancies, samples, and new products and ideas

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## EDUCATION

**Boston University**, Boston, MA

Bachelor of Arts, Biology, May 2009

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## CERTIFICATIONS

**Google Data Analytics**, May 2021