

## Joseph Valle

New York, NY

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[Portfolio](#)

[Github](#)

[Linkedin](#)

Multifaceted software engineer with a penchant for developing innovative approaches to traditional engineering challenges across diverse disciplines. Strong communication skills, adept at conveying complex technical concepts with diverse teams to strategize, plan, and implement creative solutions.

### Selected Projects

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**fr-0.gg** [www.fr-0.gg](http://www.fr-0.gg)

**December 2023**

- engineered a stand-alone Discord bot to automate the creation of AI-generated imagery with Midjourney, integrating cloud storage and database management for efficient data handling and retrieval
- created a Raspberry Pi-based deployment with Shell scripting and cron jobs to ensure continuous, autonomous operation of the bot

**Nonhuman Teachers** [www.nonhumanteachers.org](http://www.nonhumanteachers.org)

**November 2023**

- developed a full-stack web application to allow for integrated fundraising, event promotion, newsletter signup, and community outreach resulting in over \$30,000 in donations and ticket sales
- developed custom admin portal enabling the organization to pursue a new publishing venture

### Experience

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**Freelance** *Web Developer*

**April 2023 - Present**

- designed, developed and deployed multiple full-stack web applications using leading technologies including Javascript, Typescript, Python, React and Vite for commercial and educational clients
- collaborated with clients and teams on designs, building and maintaining relationships with company owners and heads of organizations

**General Assembly** *Software Engineering Fellow*

**January 2023 - April 2023**

- completed over 480 hours of individual and collaborative software development projects
- built +35 web apps, programs, and websites as part of the Software Engineering Immersive program

**Cactus Store** *Artistic Director*

**June 2017 - October 2022**

- designed and curated a seasonal botanical space consisting of a public greenhouse and garden, performance space, and storefront on the Lower East Side of Manhattan
- coordinated with award-winning artists, scientists and brands on the development of various art installations, educational workshops, public and private events, and commercial products

**Wet Artist, Producer**

**July 2012 - September 2022**

- composed and produced award-winning recordings for Columbia Records, Universal Music Publishing Group and AWAL, resulting in over 200 million streams and an RIAA-certified Gold record
- served as a creative director for album design and packaging, music videos, merchandise, and press strategy for three international album campaigns

### Education

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**General Assembly** *Software Engineering Immersive Program*

**January 2023 - April 2023**

*Certificate Software Engineering*

**New York University** *Gallatin School of Individualized Study*

**September 2006 - May 2010**

*Bachelor of Arts Digital Media*