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Audrey Serene

Full-Stack Software Developer with a Background in Design & Animation

Experience

Oct 2021 - Dec 2023 **Front-End Software Engineer** — UtilityAPI
Vanilla Javascript, HTML, CSS, Python 3, Django, Bootstrap, PostgreSQL, Git & Github, Rest APIs
- Designed the architecture and lead the frontend development for multiple products, including a city-wide utility data sharing platform and a custom integration app for Salesforce
- Worked closely with designers and backend engineers to implement complex features
- Improved performance, accessibility, and reliability of existing products

2020 - 2021 **Contract Designer** / **Motion Graphics Artist**
- Designed animation for apps, movie trailers, ads, social media, and entertainment.
- Key clients included Lionsgate Entertainment, International Center for Journalism, and Popmenu

2017 - 2018 **Web Development Tutor**
- Tutored middle school students in web development, from setting up an IDE to publishing their first websites using basic HTML & CSS (and a little Python)

Selected Projects

2023 **Chroma** — Vector Design App for MacOS & iOS
Swift, SwiftUI
- Unique design app – create precise vector designs using shapes on a recursive grid
- Extensive features including layers, history, non-destructive editing, SVG export

2020-2022 **Pegboard** — Kanban Project Management Web App
Python/Django/Django REST Framework, Typescript/JS/Vue.js (Vue3)
- Full-stack kanban project management app
- Inspired by Trello with expanded features, including beautiful automated color themes, recursive organization, and real time collaboration

Relevant Skills

Languages — Typescript, Javascript (ES6+), Python, HTML/CSS/SASS, C++, Swift, Rust
Frameworks — Django & Django REST Framework, Vue.js, Quasar, React/React Native, Bootstrap, jQuery, Tailwind, Jest, Playwright
Tools — Git/Github, Node.js, Express.js, PostgreSQL, MongoDB, REST APIs, Firebase
Design — Adobe After Effects/Animate/Illustrator/Photoshop/XD, Figma, Lottie/Bodymovin/Rive

Education & Recognition

2017 - 2021 **Kansas City Art Institute** - Bachelor of Fine Arts, majored in Animation
2018 - 2021 **Films in Alamo Drafthouse Film & Animation Exhibition, Blacksheep Animation Festival**
2016 **National Center for Women in Technology Aspirations in Computing Award**