📞 914-672-4526

✉ john.thom.gray@gmail.com

📍 San Francisco, CA

🌐 Portfolio

in LinkedIn

GitHub

John Gray
Software Engineer

SKILLS

Programming Languages | Python 3, JavaScript ES6+, TypeScript, C#, SQL, HTML5, CSS3

System Design | Monoliths, Microservices, Domain-Driven Design, RESTful APIs, Pub/sub, Event-Driven Design

Frontend | DOM Manipulation, React, Bootstrap, Chakra UI, Websockets, Highcharts, Figma

Backend | FastAPI, Django 4, PostgreSQL, MongoDB, JSON, NodeJS, Pandas, CRUD, Asynchronous APIs

Devops | CI/CD, Command-Line Tools, Docker, Scoping, Documentation, Git, Test-Driven Development, Cypress, AWS Cloud Services, Debugging

Operations | Business Development, Project Management, Customer Research, Sales, Marketing, Scrum, Agile, Accounting, Jira

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern | Change Climate Project | changeclimate.org
TypeScript, Python, React, Node.js, Chakra UI, Cypress, CI/CD, Pandas, AWS

Jun '24 - Present

- Integrate **high quality TypeScript and React code** to visualize customer data and **create a seamless UX**
- Write **Cypress unit and functional tests** to **automate build processes and continuous integration** with **git** for this **large-scale application**
- **Use Jira to facilitate Scrum practices** with teammates in an **Agile environment, proactively raising issues** to preempt disruptions in delivery

Founder & Operations Director | Wadjet LLC | Wadjet.com
Business Development, Product Design, Project Management, Python

Apr '20 - Feb '24

- Developed **project management workflows** to produce post-production deliverables for an average of **365 programs annually**
- **Managed day-to-day operations**, communicating with key stakeholders to ensure projects were completed on schedule **93% of the time**
- **Leveraged data analytics systems** to inform decisions and **double revenue every year of operation**
- Devised and executed **sales and marketing strategies** to partner with **12 companies across 5 countries**
- M**anaged teams of specialists** to produce **ADA compliant** audio description voiceover for **major streaming services** (Netflix, Disney+, etc)
- **Constantly interviewed customers to develop a superior product and capture business** from larger, volume-focused competitors

Firefighter | Telluride Volunteer Fire Department

Dec '20 - Sep '22

- **Worked under pressure with a team** to rescue patients from life-threatening **fire and medical emergencies**

RELEVANT PROJECTS

Full Stack Engineer | SPA Portfolio Website | JohnGrayDev.com
React, JavaScript, HTML, CSS, Bootstrap

Jun '24

A single page web application showcasing my skills and projects.

- Used React and Bootstrap to create a **responsive design** that looks great on mobile and desktop
- **Integrated 3rd party API** EmailJS to handle messaging

Full Stack Engineer | Booky | Book Club Social Media Platform
FastAPI, React, Docker, JavaScript, Python, HTML, AWS, CI/CD

May '24

A book club scheduling app that raises the stakes with a betting system which incentivizes readers to finish their books and win big!

- **Designed, developed and deployed** a RESTful React app using a **FastAPI framework**
- Implemented **asynchronous programming** to craft a **fun betting system** that **positively reinforces user participation**

Developer | Candy Cruisers | Puzzle Video Game
C#, Pub/sub, Event-driven design, Unity

Mar '24

A matrix-based action puzzle game which leverages algorithms and data structures.

- Built **N-ary search algorithms** for a **165% efficiency improvement** sorting elements in a **dynamic matrix**
- Created a **pub/sub event system** to architect a modular development environment with **complex decoupled systems**

EDUCATION

Hack Reactor | Advanced Software Engineering Immersive Program

- Logged **750+ hours of coding time** in this rigorous full stack application bootcamp with a **<3% acceptance rate**

College of the Holy Cross | Bachelor of Arts English | 3.8 GPA