

# Pamela Gilmour

pamelajgilmour@gmail.com  
[github.com/pamelajgilmour](https://github.com/pamelajgilmour)

Software Engineer building at the intersection of web systems and AI, from high-traffic civic platforms to custom MCP servers and agent workflows.

I'm a full-stack engineer with 4 years of experience shipping accessible, high-traffic web applications, including civic platforms reaching millions of users. I'm now focused on AI-powered systems, building production applications with the Claude API, custom MCP servers, and agent workflows. I care about clean architecture, clear ownership, and writing code that teammates can actually maintain.

## Work Experience

**Senior Creative Developer • Codeword Agency** | New York, NY (Remote)  
Sept 2025 - Present

- Engineer and maintain production web applications for enterprise clients including Google Data Centers
- Own full-stack implementation, infrastructure, and deployment workflows across Next.js, WordPress, and BrightSpot CMS
- Drive SEO strategy and performance optimization across client properties
- Consult on technical architecture and CMS infrastructure for agency-wide properties

**Full Stack Software Developer • KQED** | San Francisco, CA (Hybrid)  
May 2022 - Oct 2025

- Led frontend architecture for the California Voter Guide, a civic platform serving millions of voters across multiple election cycles
- Modernized KQED's WordPress multisite infrastructure through custom Gutenberg block development, reducing technical debt across properties
- Architected a reusable React component library adopted across multiple products, improving development velocity and code consistency
- Drove WCAG 2.1 accessibility compliance and mentored junior engineers through pair programming and code reviews
- Contributed to Support site redesign that drove measurable increases in donor conversions

**Web Dev Intern • Postman** | San Francisco, CA (Remote)  
July 2021 - Dec 2021

- Contributed to REST API testing workflows and frontend documentation
- Gained hands-on experience with API development, testing strategies, and developer-first tooling
- Collaborated with engineering team on improving developer experience and documentation quality

## Education

**City College of San Francisco**  
Computer Science Coursework (2021–2022)

**General Assembly**  
Software Engineering Immersive (2020)

## Interests

Cultural theory, music history and playlist curation, the social dimensions of technology

## Skills

### Technical Skills

TypeScript, JavaScript, Python, PHP, React, Next.js, FastAPI, Node.js, Redux, Tailwind CSS, WordPress (Gutenberg), Docker, Vercel, Supabase, PostgreSQL, Redis

### AI & Agent Tooling

Claude API, MCP Protocol, Cursor, AI-assisted development workflows

## Projects

### Dev Notes AI

Production AI application featuring a custom MCP server, autonomous agent workflows, Redis caching, and background job processing. Built to solve real developer knowledge management problems at scale.

**Tech:** Next.js, TypeScript, FastAPI, PostgreSQL, Redis, Claude API

### KQED MCP Server

Custom MCP server exposing KQED's public APIs for programmatic content discovery and media retrieval. Demonstrates applied agent infrastructure design.

**Tech:** TypeScript, Node.js, MCP Protocol, REST API

### California Voter Guide

Civic platform serving millions of California voters across multiple election cycles, built and maintained as lead frontend engineer at KQED.

**Tech:** React, Redux, WordPress, PHP