

JULIA VVEDENSKAYA

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Software engineer with 3+ years of experience building Python backends, APIs, developer tools, and full-stack applications. At Eloquent Bits, I worked on production APIs and helped build PikeSquares, an open-source tool for setting up local development environments. More recently, I've been building and deploying applications for clients, working across integrations, databases, frontend interfaces, and production support. I enjoy making complicated systems easier for people to use.

PROFESSIONAL EXPERIENCE

Full-Stack / Product Engineer (Contract) — Independent, vvex.studio Sep 2023 – Present

- Build and ship client-facing applications and internal tools end to end: discovery, architecture, implementation, API/data integration, testing, deployment, and production support.
- Built the Bombay Beach Biennale mobile-first [app](#) for ~3,000 attendees, with an interactive map, live schedule, admin tools, and typed data-sync pipeline with caching and access controls.
- Built [Vvexplore](#): a live event operations platform with role-based interfaces, real-time schedule/data updates, offline venue maps, and automated validation; worked with organizers during live operations.
- Transformed fragmented spreadsheets and Google Drive records into a cleaner pipeline and searchable [digital archive](#), including structured metadata and media-asset links.
- Implemented third-party integrations including Google OAuth, Google Workspace APIs, Stripe, Shopify, and webhooks for authentication, data synchronization, and transaction workflows.

Backend Engineer — Eloquent Bits Aug 2023 – Sep 2025

- Developed and maintained production Python REST APIs, database models, background workers, and integrations supporting developer and provisioning workflows.
- Co-built [PikeSquares](#), a Python CLI for starting isolated local development environments; contributed API endpoints, documentation, debugging, automated tests, and delivery workflows.
- Reduced API latency ~15% by profiling and optimizing PostgreSQL queries; increased automated test coverage ~30% using pytest and CI/CD.

ADDITIONAL EXPERIENCE

[Mars College](#) — Generative AI Residency, Bombay Beach, CA (Jan–Mar 2026). Off-grid residency focused on building and experimenting with generative AI tools.

Earlier work in video and creative production, bringing hands-on delivery, communication, and cross-disciplinary product experience.

TECHNICAL SKILLS

Languages & Frameworks: Python, TypeScript, JavaScript, FastAPI, Django, Flask, React, Next.js, SQL

APIs & Integrations: REST APIs, OAuth 2.0, Webhooks, Google Workspace APIs, Stripe, Shopify SDK, Third-Party Integrations

Developer Tools & Testing: Typer CLI, Git, pytest, API Testing, CI/CD, Docker, Linux, Technical Documentation

Databases: PostgreSQL, Firebase, AWS, GCP, Data Pipelines, Background Workers, Caching

AI: Claude Code, Anthropic API, OpenAI API, MCP