Brittney Spann

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AI Engineering Fellow, *Resilient Coders*   *Remote (Philadelphia,PA)*
Sept 2025 to Jan 2026

- Designed Clerk-first identity auth flow with webhook mirroring to database, eliminating double-writes and reducing authentication exceptions through systematic documentation and testing processes developed with peer feedback.
- Built Orbis, an AI code learning platform with tiered hint system and evaluation framework, creating structured technical documentation that supports diverse learning styles.
- Created Sacred Styles, a hair try-on simulator centering equity in AI design by training custom LoRA model on diverse protective styles to counteract Eurocentric defaults in generative AI, documented reproducible training parameters, and implemented responsible-use guidelines to prevent misuse implementing ethical AI development.
- Studied transformer architecture end-to-end (tokenization, self-attention, loss optimization), applying machine learning concepts to production constraints including responsible AI implementation and latency.

Software Engineer, *Resilient Coders*   *Remote (Philadelphia, PA)*
Feb 2025 to Jun 2025

- Collaborated with team slack and Linear to ship AI-powered features using agile sprint methodology, reducing time to success metrics and improving user activation through cross-functional communication and iterate development
- Built Safe Route, a community map with validated REST APIs, session authentication, and Cloudinary integration; improved data accuracy through geocoding while reducing moderation workload by documenting clear processes for content review.
- Co-created Figma design handoff checklist and wireframe to bridge developer-designer collaboration reducing miscommunication.
- Delivered role-based dashboards for Gather Haus, a creator platform with protected routing and middleware, preventing cross-role data leakage through analytical problem solving and attention to security requirements.

Founder & Technical Operations Lead, *Lotus Moon Company*   *Remote (Philadelphia,PA)*
Sept 2015 to Dec 2025

- Built and scaled a handmade jewelry business, leading product development, operations, CRM, marketing, and multi-channel e-commerce sales.
- Launched Shopify and Wix storefronts with mobile-first UX, reducing cart abandonment by 3x and increasing mobile conversions through data-driven iteration.
- Systematized Amazon Handmade operations (listings, inventory, support), reducing stockouts by 40%.
- Automated payment and fulfillment workflows via API integrations, eliminating order errors and improving financial accuracy during peak sales.
- Managed B2B partnerships and taught jewelry-making and online marketing, translating technical and operational concepts for diverse audiences.

Web3 & DeFi Scholar, *SheFi*   *Remote (Philadelphia,PA)*
Oct 2025 to Dec 2025

- Built technical literacy in blockchain systems, smart contracts, and decentralized applications across Base, Polygon, Brave, and Ethereum Networks.
- Executed Token swaps, wallet creation and maintenance, NFT minting, and protocol interactions collaborating with cohort peers to troubleshoot technical challenges.
- Created blockchain-based credential system by minting NFTs via Phosphor and Base Networks, applying technical knowledge to practical use cases while navigating ambiguous documentation.

SKILLS & AI/ML COMPETENCIES

Languages & Frameworks: JavaScript/TypeScript, React.js, Next.js, Node.js, Express, HTML5, CSS3
AI/ML & Emerging tech: Agentic AI, Ethical AI, Prompt Design & LLM Evaluation, Fine-tuning (LoRA), Vercel AI SDK & Streaming UI, dApps, Blockchain Protocols, SmartContracts
Data & Apis: MongoDB, SupaBase, REST API development, Postman, Database Design, Auth systems
Collaboration & Project Management: Microsoft Office Suite, Figma, Linear